

Texas Commission on Environmental Quality

Title V Existing

1533

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	POLYETHYLENE WAX UNIT
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	3927 FM 1006
City	Orange
State	TX
ZIP	77630
County	ORANGE
Latitude (N) (##.#####)	30.050555
Longitude (W) (-###.#####)	93.770277
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100217405
What is the name of the Regulated Entity (RE)?	HONEYWELL INTERNATIONAL ORANGE PLANT
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	1.5 MI E ON FM 1006
City	ORANGE
State	TX
ZIP	77630
County	ORANGE
Latitude (N) (##.#####)	30.048055
Longitude (W) (-###.#####)	-94.116666
Facility NAICS Code	
What is the primary business of this entity?	POLYETHYLENE, FLUOROPOLYMER & OTHER POLYMERS MANUF

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600129159
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Honeywell International Inc.
Texas SOS Filing Number	7056706
Federal Tax ID	222640650
State Franchise Tax ID	12226406507

State Sales Tax ID	
Local Tax ID	
DUNS Number	139691877
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	HONEYWELL INTERNATIONAL INC
Prefix	MR
First	DARRELL
Middle	
Last	SHOCKLEY
Suffix	
Credentials	
Title	DIRECTOR CHEMICAL PLANT OPERATIONS
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 640
Routing (such as Mail Code, Dept., or Attn:)	
City	ORANGE
State	TX
ZIP	77631
Phone (###-###-####)	4092216645
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	darrell.shockley@honeywell.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.	CHARLES CARROLL(HONEYWELL INTER...)
Organization Name	HONEYWELL INTERNATIONAL INC
Prefix	MR
First	CHARLES
Middle	
Last	CARROLL
Suffix	
Credentials	
Title	ENVIRONMENTAL ENGINEER
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 640
Routing (such as Mail Code, Dept., or Attn:)	
City	ORANGE
State	TX
ZIP	77631
Phone (###-###-####)	4092214065
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	charles.carroll2@honeywell.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	30 Deg 3 Min 2 Sec
3) Permit Longitude Coordinate:	93 Deg 46 Min 13 Sec
4) Is this submittal a new application or an update to an existing application?	Update
4.1. Select the permit/project number for which this update should be applied.	1533-37180
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	No

Title V Attachments Existing

Attach OP-1 (Site Information Summary)

Attach OP-2 (Application for Permit Revision/Renewal)

Attach OP-ACPS (Application Compliance Plan and Schedule)

Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)

Attach OP-REQ2 (Negative Applicable Requirement Determinations)

Attach OP-REQ3 (Applicable Requirements Summary)

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name	OP-SUMR 2-19-25.pdf
Hash	19461B177E2821F6A8BBF441C6CEB130F5DF0B5016740570FF0640775BDCF4D1
MIME-Type	application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

OPCRO1 2-19-25.pdf

Hash

5728C20734F70E29C412F3521AFC8786D1E43E0385E41F3F16FAD75AE7D9C2DC

MIME-Type

application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

1. I am Darrell R Shockley, the owner of the STEERS account ER103561.
2. I have the authority to sign this data on behalf of the applicant named above.
3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
8. I am knowingly and intentionally signing Title V Existing 1533.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Darrell R Shockley OWNER OPERATOR

Account Number: ER103561

Signature IP Address: 155.190.8.4

Signature Date: 2025-03-10

Signature Hash: FE639F2E17796F45A9917967D3BCC92AF1C5E3435CE99CEFCDC0F074FA8A64C

Form Hash Code at time of Signature: F81F0C2DACCBBF7837A28145A8C26072144AE8AC42AF111C62B753640489C224A

Submission

Reference Number:

The application reference number is 759856

Submitted by:

The application was submitted by
ER103561/Darrell R Shockley

Submitted Timestamp:	The application was submitted on 2025-03-10 at 08:03:57 CDT
Submitted From:	The application was submitted from IP address 155.190.8.4
Confirmation Number:	The confirmation number is 637994
Steers Version:	The STEERS version is 6.88
Permit Number:	The permit number is 1533

Additional Information

Application Creator: This account was created by Lois Mcquade

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Tuesday, February 25, 2025 8:12 AM
To: Samantha Mendez
Cc: Rhyan Stone
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant
Attachments: OP-SUMR 2-19-25.pdf; SOP-O1533 Honeywell International INC (renewal, 37180) Draft.docx; OPCRO1 2-19-25.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Good morning ma'am,

The description of "Blowdowns" is sufficient for emission unit BLOWDOWNS. We also agree with your finding that the preconstruction authorization for this emission unit should be NSR 1829 and Standard Permit 173794. The updated OP-SUMR is attached.

The draft permit is approved except that there appears to be mistake with Special Conditions 9 and 10. In the current version Special Condition 10 appears to be duplicative of Special Condition 9 and the two conditions should be changed back to Special Condition 9 of the previous version of the draft permit.

The location you are citing below in Central Registry is sufficient for the permit.

An executed OP-CRO1 certifying this email and previous email responses will be submitted via STEERS concurrent with this email. Please note that the system would not allow us to use the previous STEERS document number for the original Title V Renewal submittal and we had to do a new submittal but we did say the submittal was tied to an existing pending application. Therefore, it may appear as a new renewal application on your end.

The delay currently, is that my plant manager has been out, and I haven't been able to get him to sign off on the OPCRO1. I believe he'll be back today so I can hopefully get the OP-CRO1 done today.

Very Respectfully,

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Sent: Thursday, February 20, 2025 3:32 PM
To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good afternoon,

I have recently noted that the latitude/longitude listed for this permit in the TCEQ Central Registry is different from those listed in the application. Therefore, I wanted to reach out to you to ask which latitude/longitude you would prefer to show up on the permit face.

Currently, the latitude/longitude listed on the OP-1 form of the application is: **Latitude – 030:03:02, Longitude – 093:46:13**. The latitude/longitude listed in the Central Registry, and that is currently listed on the SOP, is: **Latitude- 30° 2' 53", Longitude 94° 7' 0"**.

If you wish to update the latitude/longitude in central registry for the RN 100217405, please submit a TCEQ CORE Data form via STEERS by **February 27, 2025**.

Please let me know if you have any questions or concerns!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Samantha Mendez

Sent: Friday, February 14, 2025 3:17 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Mr. Carroll,

I hope this email finds you well.

Regarding the Emission Unit “BLOWDOWNS”, the OP-SUMR attached to your last email obtained a name/description for the unit that has surpassed the character limit on our software program. Therefore, I wanted to confirm with you if it is okay to have the name/description for the unit be listed as “Blowdowns”.

Please let me know if there is another name/description you would like to be listed that is under 50 characters. Additionally, due to this inconvenience regarding the character limits, a newly revised OP-SUMR will be needed that states the new name/description of your choosing.

Additionally, I noted from your last email correspondence that the unit “BLOWDOWNS” obtains Preconstruction Authorizations 1829 and 173794. Please update the OP-SUMR to reflect Permit 1829 for this unit.

I have made the changed requested to the permit and have attached a revised working draft permit to this email for your review. If everything looks good, please provide an OP-CRO1 through STEERS by **February 21, 2024**.

Thank you for your continued cooperation!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, February 12, 2025 7:25 AM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Ms. Mendez,

Sorry for the delayed response. I'll try to capture all the comments in one go from the last couple correspondences.

In your email dated 1/29/2025, you requested forms for Title V ID Blowdowns. The blowdowns of different equipment is authorized by Permit 1829 and Standard Permit 173794. However, we understand that there are no potential applicable requirements for this type of operation and therefore, there are no unit attribute forms for this option. Our only intent was to include the source ID and the associated NSR authorizations into the Title V permit, specifically, the New Source Review Authorization References By Emission Unit section of the Title V permit. Attached is an OP-SUMR form that includes these references.

As for your question regarding 106.263 in your 2/4/2025 email, yes, PBR 106.263 was one of the PBRs authorized by PBR Registration 138665. This PBR is for MSS activities that do not have any potentially applicable regulatory requirements.

Lastly, I have attached a redline-strikeout version of the draft permit for your review. There were just a few minor edits that we are requesting. Once there are no more changes that need to be made to the draft permit, we can provide an OP-CRO1 to certify all of the submittals.

Very Respectfully,

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Sent: Tuesday, February 4, 2025 3:41 PM
To: Carroll, Charles <charles.carroll2@honeywell.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Mr. Carroll,

I have made all the respective changes to the Working Draft Permit per your comments. Please ensure that all changes requested have been made in the attached draft permit!

Additionally, I wanted to certify with you that PBR 106.263 is applicable to Registration Number 138665.

Please get back to me by Friday, **February 7, 2025** if you have any additional questions with regard to the permit and for submittal of the OP-CRO1.

If you have any questions or concerns, please do not hesitate to contact me!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 29, 2025 1:17:27 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>

Subject: RE: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good morning Mr. Carroll,

I hope this email finds you well.

Please submit forms OP-SUMR and any OP-UA forms for unit ID "BLOWDOWNS" respectively. These forms are required for this unit to show up on the permit.

Additionally, please submit a revised OP-CRO1 to certify the changes made to the renewal application and working draft permit.

If you have any questions or concerns, please feel free to contact me!

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at
www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 22, 2025 6:07 PM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>
Subject: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Evening Ms. Mendez,

Thank you again for your help and consideration on this renewal.

Honeywell International Inc. is pleased to provide the following additional information in support of our pending renewal/minor revision of Title V Permit No. O-1533/Project 37180. We have repeated your questions below, followed by our response in red. Requested form documentation is attached. In support of and in addition to the responses to your comments, please also see the attached redline/strikeout mark up to the draft permit you provided. The marked changes to the draft permit are summarized at the end of this email response:

RESPONSE TO TCEQ QUESTIONS

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024. **Response: We agree that the most recent issuance date for NSR Permit 1727 is 09/04/2024. Page 87 of form OP-REQ1 has been updated and is attached.**

- NSR Authorization number 168616 should have an issuance date of 10/15/2023. **Response: We agree that the issuance date for NSR Standard Permit 168616 needs to be updated. However, an extension to start of construction was granted on 10/24/2023, in response to a request that was submitted by Honeywell on 10/15/2023. Therefore, Page 87 of form OP-REQ1 has been updated to reference the 10/24/2023 grant date for this standard permit. This date is consistent with the Complete Date shown on the TCEQ Status of Air Permits and Permit Applications webpage.**
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active? **Response: PBR 106.262 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1 and this page is included with this submittal. Form PBRSUP does not need to be updated.**
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active? **Response: PBR 106.393 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1. Form PBRSUP does not need to be updated.**
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16. **Response: We have determined that the solvent in the Degreaser PRPPSOLV is heated but the temperature does not exceed the applicability threshold of 120 F. Therefore, a NO response is correct as you noted. A new OP-UA16 is included with this submittal.**
 - In addition, please note that we identified three other degreasers/parts washers listed in the current permit have been removed from the plant and therefore, we have struck out references to DEGR1, DEGR2, and DEGR3 from the draft Title V permit. The replacement parts washers use a water-based cleaning solution and they qualify as de minimis sources and therefore TCEQ NSR authorization is not required and parts washers have no potentially applicable regulatory requirements.
- Additionally, an update is required on page (1-3) on OP-UA6.

- The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6. **Response: Please disregard any OP-UA6, Table 1 entries that have been historically submitted for boilers EP-26 and EP-27. The boilers are small and have a heat input capacity far less than the 250 lb/MMBtu threshold that would potentially trigger NSPS D applicability. The applicability has already been determined to be negative applicability for NSPS D based on heat input capacity as already represented in the Permit Shield section of the Title V permit. Honeywell is not proposing any different applicability determinations for boilers EP-26 and EP-27 and does not believe a unit attribute form is needed to confirm this established negative applicability determination.**
-
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
 - **Response: With this response, Honeywell confirms that the Orange Plant meets the description of “PETCHEM” as provided in the UA12 instructions as follows: “The site contains a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process as defined in 30 TAC § 115.10” As previously represented, the site has more than 250 fugitive components and the site is subject to 30 TAC Chapter 115 requirements for fugitive components.**
-
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well. **Response: Correct. The code for the new OP-REQ1 question XI.J.5 should be “NO”. The site is not located in the Houston, Galveston, Brazoria nonattainment area.**

SUMMARY OF REDLINE/STRIKEOUT OF DRAFT TITLE V PERMIT

Page 12	Change the following IDs: FEP-10 should be F-EP-10 and FEP-9 should be F-EP-9.
Page 19-23	Change the following ID: FEP-10 should be F-EP-10

Page 23-24 Change the following ID: FEP-9 should be F-EP-9
Page 41 Omit the following parts washers: DEGR1, DEGR2, DEGR3
Page 43 Change the following ID: FEP-9 should be F-EP-9
Page 44 Fix typo in negative reason for PRPP-HTR
Page 55 Update issuance date for NSR Permit 168616
Page 55 Omit the following listed PBRs: 106.262 and 106.393
Page 56 Add emission unit ID BLOWDOWNS
Page 56 Change emission unit ID from FEP-9 to F-EP-9 and add Standard Permit
173794
Page 56 Change emission unit ID from FEP-10 to F-EP-10 and add Standard Permit
173794
Page 56 Omit references to PBR 106.262 for EP-12, F-EP-10, F-EP-9
Page 56 Add Standard Permit 173794 for EP-10, F-EP-10, F-EP-9
Page 56 Omit the following parts washers: DEGR1, DEGR2, DEGR3

Very Respectfully,

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 15, 2025 3:22 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

Good afternoon Mr. Carroll,

Thank you for your timely response and cooperation. The extension to respond will be granted!

Sincerely,

Samantha Mendez

Environmental Permit Specialist

Air Permits Division, Office of Air

(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>

Sent: Wednesday, January 15, 2025 1:55 PM

To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Afternoon Ms. Mendez,

Thank you for the opportunity to respond to your questions.

While I have most of the information requesting, I was wondering if I could have until 1/22/2025 to finalize the answers for you? I haven't been at the site very long, so I'm not as versed with some of older permit content and the time would be used in order to accurately answer all of your questions to the fullest extent.

Best regards,

Charles

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 8, 2025 11:12 AM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

WARNING: This message has originated from an External Source. This may be a phishing email that can result in unauthorized access to Honeywell systems. Please use proper judgment and caution when opening attachments, clicking links, scanning QR codes, or responding.

Mr. Carroll,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This application has been assigned Project No. 37180. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Moreover, I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by January 15, 2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition to the working draft permit, the following deficiencies were found during my review of the renewal application. **Please respond to the following by January 15, 2025.**

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.

- NSR Authorization number 1727 should have an issuance date of 09/24/2024.
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023.
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6.
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Honeywell International Inc.

AUTHORIZING THE OPERATION OF
Orange Plant
Polyethylene Wax Unit
Plastics Material and Resin Manufacturing

LOCATED AT
Orange County, Texas
Latitude 30° 2' 53" Longitude 94° 7' 0"
Regulated Entity Number: RN100217405

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1533 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the "Applicable Requirements Summary" attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

(i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)

(ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)

(iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:

- (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
- (2) Records of all observations shall be maintained.
- (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
4. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with the following requirements:
 - A. Title 30 TAC § 115.145 (relating to Approved Test Methods)
 - B. Title 30 TAC § 115.146 (relating to Recordkeeping Requirements)

- C. Title 30 TAC § 115.147(1) (relating to Exemptions)
 - D. Title 30 TAC § 115.148 (relating to Determination of Wastewater Characteristics)
5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
- A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated August 28, 2024 in the application for project 37180), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
10. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated MON DAY, YYYY in the application for project XXXXX), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
11. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
12. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Commented [LM1]: Special Conditions 9 and 10 seem to be duplicative. Please review and revise.

Commented [LM2]: Special Conditions 9 and 10 seem to be duplicative. Please review and revise.

Compliance Requirements

13. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
14. Use of Emission Credits to comply with applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
- (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
- B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
- (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)

15. Use of Discrete Emission Credits to comply with the applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
- (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
- B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
- (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

16. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

17. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Permit Location

18. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

19. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary..... 12

Applicable Requirements Summary 18

Note: A "none" entry may be noted for some emission sources in this permit's "Applicable Requirements Summary" under the heading of "Monitoring and Testing Requirements" and/or "Recordkeeping Requirements" and/or "Reporting Requirements." Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP-10	FLARES	N/A	111-10	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-10COMBVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-EP10VENT	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-12	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-26	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-27	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-35	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-35	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-36	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-36	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-OXIB4VC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-COMB T-OX	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F-EP-10	FUGITIVE EMISSION UNITS	N/A	115D-10	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
F-EP-10	FUGITIVE EMISSION UNITS	N/A	60DDD-10	40 CFR Part 60, Subpart DDD	No changing attributes.
F-EP-9	FUGITIVE EMISSION UNITS	N/A	115D-9	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
HP PILOT PLT	CHEMICAL	N/A	115-HPPP	30 TAC Chapter 115, Batch	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESS			Processes	
LAB HOODS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-LABHOODS	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
M-102	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-109	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-4	FLARES	N/A	111-Fir	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OIL-DRUM A	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
OIL-DRUM B	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
P-401A	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
P-401A	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-415	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-515	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PROFINOXI	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-VC	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-22	POLYMER	N/A	60DDD-1.76	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESSES			DDD	
PROFINPRL-23	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-24	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINU21-ATMZ	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX-1.76	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX3	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-Rx3	40 CFR Part 60, Subpart DDD	No changing attributes.
PRPP	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPP-1	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPAST	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPPAST	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPSOLV	SOLVENT DEGREASING MACHINES	N/A	R5411-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
RENTALBOIL	BOILERS/STEAM	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATORS/STEAM GENERATING UNITS				
TEMP BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-01	40 CFR Part 60, Subpart Dc	No changing attributes.
U-107	STORAGE TANKS/VESSELS	N/A	115B-107	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-13	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-14A	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14B	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14C	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-2	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-20A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-3	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-31	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-32	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
U-33	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-515	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-515	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-5A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-MIXER	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP-10	EU	111-10	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-10COMBVENT	EP	115-EP10VENT	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
EP-12	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-26	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-27	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.127(a)(2)	organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.		§ 115.126(4)	
EP-35	EP	115B-35	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-36	EP	115B-36	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-OXIB4VC	EP	115-COMB T-OX	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	None
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A)	No flanges or other connectors contacting a fluid with TVP greater than 0.044 psia (gas/vapor or	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.			
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)		[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.562-2(d) § 60.562-2(e)				
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.352(1)(A) § 115.352(1)	No flanges or other connectors contacting a	§ 115.354(1) § 115.354(10)	§ 115.352(7) § 115.354(10)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
HP PILOT PLT	PRO	115-HPPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
LAB HOODS	EP	115-LABHOODS	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
M-102	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
M-109	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
M-4	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(iii)	§ 111.111(a)(4)(A)(ii)	None
OIL-DRUM A	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
OIL-DRUM B	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
P-401A	EU	60III-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of 4.0 g/KW-hr, as listed in Table 4 to this subpart.			
P-401A	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
P-401A	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
P-415	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	comply with the requirements as specified in Table 2d.4.a-c.	6.9.a.ii	§ 63.6660(c)	
P-515	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PROFINOXI	PRO	60DDD-VC	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.562-1(a)(1)(i) § 60.562-1(a)(1)(i)(A) § 60.562-1(a)(1)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs (a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(1)(i) § 60.563(c) § 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(b) [G]§ 60.564(c) [G]§ 60.564(d)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(1) [G]§ 60.565(b)(2) § 60.565(c) § 60.565(c)(1) § 60.565(c)(2) § 60.565(c)(2)(i) [G]§ 60.565(g) § 60.565(j)	§ 60.565(a) [G]§ 60.565(a)(1) § 60.565(b)(1) § 60.565(i) § 60.565(j) § 60.565(k) § 60.565(k)(1) § 60.565(k)(2) § 60.565(l)
PROFINPRL-22	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.			§ 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-23	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-24	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINU21-ATMZ	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X-1.76	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X3	PRO	60DDD-Rx3	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.18 § 60.562-1(a)(1)(i) § 60.562-	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(2)(i) § 60.563(c)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(3)	§ 60.565(a) [G]§ 60.565(a)(3) § 60.565(b)(1) § 60.565(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					1(a)(1)(i)(C) § 60.562-1(a)(1)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	(a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	§ 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(d) [G]§ 60.564(e) [G]§ 60.564(f) [G]§ 60.564(g)	[G]§ 60.565(b)(2) [G]§ 60.565(e) [G]§ 60.565(g) § 60.565(j)	§ 60.565(j) § 60.565(k) § 60.565(k)(2) § 60.565(k)(4) § 60.565(l)
PRPP	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPP-1	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPPAST	PRO	115-PRPPAST	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
PRPPSOLV	EU	R5411-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	None	None
RENTALBOIL	EU	60Db-01	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	§ 60.46b(g)	[G]§ 60.49b(d) § 60.49b(o) [G]§ 60.49b(p)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(2) § 60.49b(a)(3) § 60.49b(q) § 60.49b(q)(1) § 60.49b(q)(3) § 60.49b(w)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60,	§ 60.40b(a)	The affected facility to which	None	[G]§ 60.49b(d)	§ 60.49b(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
L			(Opacity)	Subpart Db		this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).		§ 60.49b(o)	§ 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)
TEMP BLR	EU	60Dc-01	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
TEMP BLR	EU	60Dc-01	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit	None	§ 60.48c(g)(1) § 60.48c(g)(2)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(g)(3) § 60.48c(i)	
TEMP BLR	EU	60Dc-01	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
U-107	EU	115B-107	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-13	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
U-14A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1.5 psia is exempt from the requirements of this division.			
U-14C	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-2	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-20A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-3	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
U-31	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-32	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-33	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-5A	EP	115-MIXER	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
U-5B	EU	115B-5B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-5B	EU	115B-5B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-8B	EU	115B-8B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8B	EU	115B-8B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Additional Monitoring Requirements

Periodic Monitoring Summary 40

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PRPPSOLV	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5411-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.	

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
CTWR-2	N/A	40 CFR Part 63, Subpart Q	Industrial process cooling tower unit does not use chromium-based water treatment chemicals and is not located in a major source of HAPs.
EP-10	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-10	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63.
EP-11	N/A	30 TAC Chapter 111, Visible Emissions	Flare is used for emergency use only.
EP-11	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-11	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-12	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-12	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-26	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is a natural gas.
EP-26	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-26	N/A	40 CFR Part 60, Subpart D	Boiler has a heat input capacity < 250

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			MMBtu/hr.
EP-26	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-27	N/A	30 TAC Chapter 112, Sulfur Compounds	Fuel used is natural gas.
EP-27	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-27	N/A	40 CFR Part 60, Subpart D	Boiler has a heat capacity < 250 MMBtu/hr.
EP-27	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-32A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
EP-32A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
EP-32A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP-35	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
EP-36	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
F-EP-9	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
FLRDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 63, Subpart OO	Unit is a storage tank that is not subject to any subparts of 40 CFR 60, 61, or 63 that references 40 CFR Part 63, Subpart OO for control of air emissions.
HP PILOT PLT	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
M-4	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
M-4	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
PROPOLYRX1A	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified,

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			or reconstructed before September 30, 1987.
PROPOLYRX1B	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PROPRODSTOR	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRORMPREP	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRPP	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-1	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-HTR	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is natural gas.
PRPP-HTR	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is no a major source of NOx emissions.
PRPPDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
PRPPPAST	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
RENTALBOIL	N/A	30 TAC Chapter 115, Vent Gas Controls	Boiler only burns natural gas and is not being used as a control device.
RENTALBOIL	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
RENTALBOIL	N/A	40 CFR Part 63, Subpart JJJJJJ	Emission Unit is a gas fired boiler as defined in 40 CFR 63.11237.
T-906	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
T-960	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
U-107	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-107	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-114	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-114	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-114	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-13	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-13	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			meters.
U-14A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-2	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-20A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-20A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-21	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-21	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-21	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-22D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22D	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22E	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22F	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22F	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22F	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-3	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-3	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-31	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-31	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-32	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-32	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-33	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-33	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-422A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-422B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422C	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422D	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422E	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-515	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-515	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-55	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-55	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-55	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-5B	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-5B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-6A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-6A	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-6A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-6B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-6B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-6B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-910	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-910	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-910	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

New Source Review Authorization References

New Source Review Authorization References 55

New Source Review Authorization References by Emission Unit 56

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1727	Issuance Date: 09/24/2024
Authorization No.: 1736	Issuance Date: 08/23/2024
Authorization No.: 1829	Issuance Date: 04/27/2021
Authorization No.: 168616	Issuance Date: 10/24/2023
Authorization No.: 169894	Issuance Date: 08/15/2022
Authorization No.: 173794	Issuance Date: 09/20/2023
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.495	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
BLOWDOWNS	BLOWDOWNS	1829, 173794
CTWR-2	COOLING TOWER	1829
EP-10	M-1 FLARE	1829, 173794
EP-10COMBVENT	COMBINE VENT	1829
EP-11	M-2 FLARE	1829
EP-12	M-3 FLARE	1829, 106.261/11/01/2003, 106.263/11/01/2001
EP-26	BOILER #30	1727, 1829, 168616
EP-27	BOILER #31	1736, 1829, 168616
EP-32A	UNLEADED GASOLINE STORAGE TANK	106.472/09/04/2000
EP-35	BINARY DISTILLATION T-563 AND U-564 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-36	BINARY DISTILLATION T-363 AND U-364 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-OXIB4VC	OXIDIZER	1829
F-EP-10	PROCESS FUGITIVE - 115 & DDD	1829, 173794, 106.261/11/01/2003
F-EP-9	PROCESS FUGITIVE - 115	1829, 173794, 106.124/09/04/2000 [138665], 106.261/11/01/2003
FLRDRUM	LOADING OF FLARE KNOCKOUT DRUM	1829, 106.261/11/01/2003 [167923]
HP PILOT PLT	HIGH PRESSURE PILOT PLANT AND FLARE	106.124/09/04/2000, 106.263/11/01/2001, 106.492/09/04/2000
LAB HOODS	LAB HOODS ASSOCIATED WITH HP PILOT PLANT	106.124/09/04/2000 [138665], 106.263/11/01/2001
M-102	EMERGENCY GENERATOR (EAST)	106.511/09/04/2000
M-109	EMERGENCY GENERATOR (WEST)	106.511/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
M-4	PILOT PLANT FLARE	106.124/09/04/2000 [138665], 106.263/11/01/2001, 106.492/09/04/2000 [138665]
OIL-DRUM A	OIL DRUMMING A	1829
OIL-DRUM B	OIL DRUMMING B	1829
P-401A	FIRE WATER PUMP	106.511/09/04/2000 [159776]
P-415	FIRE WATER PUMP	106.511/09/04/2000
P-515	FIRE WATER PUMP	106.511/09/04/2000
PROFINOXI	PRODUCT FINISHING SECTION & VC CONTROL	1829
PROFINPRL-22	PRODUCT FINISHING SECTION - PRILLER EP-22	1829
PROFINPRL-23	PRODUCT FINISHING SECTION - PRILLER EP-23	1829
PROFINPRL-24	PRODUCT FINISHING SECTION - PRILLER EP-24	1829
PROFINU21-ATMZ	ATOMIZER	1829
PROPOLYRX-1.76	POLYMERIZATION SECTION	1829
PROPOLYRX1A	POLYMERIZATION SECTION: REACTOR 1A	1829
PROPOLYRX1B	POLYMERIZATION SECTION: REACTOR 1B	1829
PROPOLYRX3	POLYMERIZATION SECTION: REACTOR 3	1829
PROPRODSTOR	PRODUCT STORAGE SECTION	1829
PRORMPREP	RAW MATERIAL PREPARATION SECTION	1829
PRPP	PILOT PLANT	1829
PRPP-1	NEW PILOT PLANT	1829
PRPP-HTR	PILOT PLANT PROCESS HEATER	106.183/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PRPPDRUM	PRPP DRUMMING	1829
PRPPPAST	PRPP PASTILLATOR	1829
PRPPSOLV	PRPP DEGREASER	106.454/11/01/2001
RENTALBOIL	75 KPPH TRAILER MOUNTED BOILER	1829, 169894
T-906	CAUSTIC SCRUBBER	1829
T-960	CAUSTIC SCRUBBER	1829
TEMP BLR	350 HP ULTRA LOW NOX TRAILER MOUNTED BOILER	106.183/09/04/2000 [152717]
U-107	SOLVENT TANK	1829
U-114	SOLVENT TANK	1829
U-13	RECYCLED IPA STORAGE TANK	1829
U-14A	RECYCLED IPA/VA TANK	1829
U-14B	RECYCLED IPA/VA TANK	1829
U-14C	RECYCLED IPA/VA TANK	1829
U-19A	CATALYST PUMP MIX CHAMBER	1829
U-19B	CATALYST PUMP MIX CHAMBER	1829
U-19C	CATALYST PUMP MIX CHAMBER	1829
U-19D	CATALYST PUMP MIX CHAMBER	1829
U-19E	CATALYST PUMP MIX CHAMBER	1829
U-19F	CATALYST PUMP MIX CHAMBER	1829
U-2	IPA STORAGE TANK	1829
U-201	IPA RECOVERY POT	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-20A	CATALYST PREP TANK	1829
U-21	ATOMIZER WAX FEED TANK	1829
U-22A	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22B	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22C	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22D	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22E	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22F	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-3	RECYCLED IPA STORAGE TANK	1829
U-31	AA/IPA STORAGE TANK	1829
U-32	ACRYLIC ACID/ISOPROPYL ALCOHOL STORAGE TANK	1829
U-33	VINYL ACETATE TANK	1829
U-422A	DIESEL STORAGE TANK	106.472/09/04/2000
U-422B	DIESEL STORAGE TANK	106.472/09/04/2000
U-422C	DIESEL STORAGE TANK	106.472/09/04/2000
U-422D	DIESEL STORAGE TANK	106.472/09/04/2000
U-422E	DIESEL STORAGE TANK	106.472/09/04/2000
U-515	INITIATOR MIXING TANK	1829
U-55	GC TANK	1829
U-5A	INITIATOR MIXING TANK PROCESS VENT	1829
U-5B	INITIATOR MIXING TANK	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-6A	INITIATOR MIXING TANK	1829
U-6B	INITIATOR MIXING TANK	1829
U-8A	REACTOR FEED TANK	1829
U-8B	REACTOR FEED TANK	1829
U-910	FEED TANK	1829
U-914	CATALYST TANK	1829
U-967	CATALYST TANK	1829

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Appendix A

Acronym List 62

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound



Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1

Date:	Permit No.	Regulated Entity No.
8/28/2024 02/07/2025 02/19/2025	O1533	100217405

Unit / Process AI	Unit / Process Revision No.	Unit/Process				Preconstruction Authorizations	
		ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
A		BLOWDOWNS	OP-SUMR	Blowdowns		1829 Standard Permit 173794	
A	5	RentalBoil	OP-2 OP-SUMR OP-REQ2 OP-UA-6	75 KPPH Trailer Mounted Boiler		1829 Standard Permit 169894	

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program

All initial permit application, revision, renewal, and reopening submittals requiring certification must be addressed using this form. Updates to site operating permit (SOP) and temporary operating permit (TOP) applications, other than public notice verification materials, must be certified prior to authorization of public notice or start of public announcement. Updates to general operating permit (GOP) applications must be certified prior to receiving an authorization to operate under a GOP.

I. Identifying Information		
RN: 100217405	CN: 600129159	Account No.: OC-0001-V
Permit No.: O1533	Project No.: 37180	
Area Name: Orange Plant - Polyethylene Wax Unit	Company Name: Honeywell International Inc.	
II. Certification Type <i>(Please mark the appropriate box)</i>		
<input checked="" type="checkbox"/> Responsible Official	<input type="checkbox"/> Duly Authorized Representative	
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>		
<input type="checkbox"/> SOP/TOP Initial Permit Application	<input type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application	<input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____		
IV. Certification of Truth		
<p>This certification does not extend to information which is designated by the TCEQ as information for reference only.</p> <p>I, <u>Darrell Shockley</u> certify that I am the <u>RO</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:</p> <p><i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From _____ to _____ <i>Start Date</i> <i>End Date</i></p> <p>Specific Dates: _____ <i>Date 1</i> <i>Date 2</i> <i>Date 3</i> <i>Date 4</i> <i>Date 5</i> <i>Date 6</i></p>		
<p>Signature: _____ Signature Date: _____</p> <p>Title: <u>Director Chemical Plant Operations</u></p>		

From: Samantha Mendez
Sent: Thursday, February 20, 2025 3:32 PM
To: Carroll, Charles
Cc: Rhyan Stone
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good afternoon,

I have recently noted that the latitude/longitude listed for this permit in the TCEQ Central Registry is different from those listed in the application. Therefore, I wanted to reach out to you to ask which latitude/longitude you would prefer to show up on the permit face.

Currently, the latitude/longitude listed on the OP-1 form of the application is: **Latitude – 030:03:02, Longitude – 093:46:13**. The latitude/longitude listed in the Central Registry, and that is currently listed on the SOP, is: **Latitude- 30° 2' 53", Longitude 94° 7' 0"**.

If you wish to update the latitude/longitude in central registry for the RN 100217405, please submit a TCEQ CORE Data form via STEERS by **February 27, 2025**.

Please let me know if you have any questions or concerns!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Samantha Mendez
Sent: Friday, February 14, 2025 3:17 PM
To: Carroll, Charles <charles.carroll2@honeywell.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Mr. Carroll,

I hope this email finds you well.

Regarding the Emission Unit “BLOWDOWNS”, the OP-SUMR attached to your last email obtained a name/description for the unit that has surpassed the character limit on our software program. Therefore, I wanted to confirm with you if it is okay to have the name/description for the unit be listed as “Blowdowns”.

Please let me know if there is another name/description you would like to be listed that is under 50 characters. Additionally, due to this inconvenience regarding the character limits, a newly revised OP-SUMR will be needed that states the new name/description of your choosing.

Additionally, I noted from your last email correspondence that the unit “BLOWDOWNS” obtains Preconstruction Authorizations 1829 and 173794. Please update the OP-SUMR to reflect Permit 1829 for this unit.

I have made the changed requested to the permit and have attached a revised working draft permit to this email for your review. If everything looks good, please provide an OP-CRO1 through STEERS by **February 21, 2024.**

Thank you for your continued cooperation!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, February 12, 2025 7:25 AM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Ms. Mendez,

Sorry for the delayed response. I'll try to capture all the comments in one go from the last couple correspondences.

In your email dated 1/29/2025, you requested forms for Title V ID Blowdowns. The blowdowns of different equipment is authorized by Permit 1829 and Standard Permit 173794. However, we understand that there are no potential applicable requirements for this type of operation and therefore, there are no unit attribute forms for this option. Our only intent was to include the source ID and the associated NSR authorizations into the Title V permit, specifically, the New Source Review Authorization References By Emission Unit section of the Title V permit. Attached is an OP-SUMR form that includes these references.

As for your question regarding 106.263 in your 2/4/2025 email, yes, PBR 106.263 was one of the PBRs authorized by PBR Registration 138665. This PBR is for MSS activities that do not have any potentially applicable regulatory requirements.

Lastly, I have attached a redline-strikeout version of the draft permit for your review. There were just a few minor edits that we are requesting. Once there are no more changes that need to be made to the draft permit, we can provide an OP-CRO1 to certify all of the submittals.

Very Respectfully,

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Tuesday, February 4, 2025 3:41 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Mr. Carroll,

I have made all the respective changes to the Working Draft Permit per your comments. Please ensure that all changes requested have been made in the attached draft permit!

Additionally, I wanted to certify with you that PBR 106.263 is applicable to Registration Number 138665.

Please get back to me by Friday, **February 7, 2025** if you have any additional questions with regard to the permit and for submittal of the OP-CRO1.

If you have any questions or concerns, please do not hesitate to contact me!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Sent: Wednesday, January 29, 2025 1:17:27 PM
To: Carroll, Charles <charles.carroll2@honeywell.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>
Subject: RE: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good morning Mr. Carroll,

I hope this email finds you well.

Please submit forms OP-SUMR and any OP-UA forms for unit ID "BLOWDOWNS" respectively. These forms are required for this unit to show up on the permit.

Additionally, please submit a revised OP-CRO1 to certify the changes made to the renewal application and working draft permit.

If you have any questions or concerns, please feel free to contact me!

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at
www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 22, 2025 6:07 PM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>
Subject: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Evening Ms. Mendez,

Thank you again for your help and consideration on this renewal.

Honeywell International Inc. is pleased to provide the following additional information in support of our pending renewal/minor revision of Title V Permit No. O-1533/Project 37180. We have repeated your questions below, followed by our response in red. Requested form documentation is attached. In support of and in addition to the responses to your comments, please also see the attached redline/strikeout mark up to the draft permit you provided. The marked changes to the draft permit are summarized at the end of this email response:

RESPONSE TO TCEQ QUESTIONS

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024. **Response: We agree that the most recent issuance date for**

NSR Permit 1727 is 09/04/2024. Page 87 of form OP-REQ1 has been updated and is attached.

- NSR Authorization number 168616 should have an issuance date of 10/15/2023. **Response: We agree that the issuance date for NSR Standard Permit 168616 needs to be updated. However, an extension to start of construction was granted on 10/24/2023, in response to a request that was submitted by Honeywell on 10/15/2023. Therefore, Page 87 of form OP-REQ1 has been updated to reference the 10/24/2023 grant date for this standard permit. This date is consistent with the Complete Date shown on the TCEQ Status of Air Permits and Permit Applications webpage.**
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBR SUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBR SUP. Is this permit still active? **Response: PBR 106.262 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1 and this page is included with this submittal. Form PBR SUP does not need to be updated.**
 - If so, please submit a new PBR SUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBR SUP. Is this permit still active? **Response: PBR 106.393 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1. Form PBR SUP does not need to be updated.**
 - If so, please submit a new PBR SUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16. **Response: We have determined that the solvent in the Degreaser PRPPSOLV is heated but the temperature does not exceed the applicability threshold of 120 F. Therefore, a NO response is correct as you noted. A new OP-UA16 is included with this submittal.**
 - In addition, please note that we identified three other degreasers/parts washers listed in the current permit have been removed from the plant and therefore, we have struck out references to DEGR1, DEGR2, and DEGR3 from the draft Title V permit. The replacement parts washers use a water-based cleaning solution and they qualify as de minimis sources and therefore TCEQ NSR authorization is not required and parts washers have no potentially applicable regulatory requirements.

- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6. **Response: Please disregard any OP-UA6, Table 1 entries that have been historically submitted for boilers EP-26 and EP-27. The boilers are small and have a heat input capacity far less than the 250 lb/MMBtu threshold that would potentially trigger NSPS D applicability. The applicability has already been determined to be negative applicability for NSPS D based on heat input capacity as already represented in the Permit Shield section of the Title V permit. Honeywell is not proposing any different applicability determinations for boilers EP-26 and EP-27 and does not believe a unit attribute form is needed to confirm this established negative applicability determination.**
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
 - **Response: With this response, Honeywell confirms that the Orange Plant meets the description of “PETCHEM” as provided in the UA12 instructions as follows: “The site contains a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process as defined in 30 TAC § 115.10” As previously represented, the site has more than 250 fugitive components and the site is subject to 30 TAC Chapter 115 requirements for fugitive components.**
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well. **Response: Correct. The code for the new OP-REQ1 question XI.J.5 should be “NO”. The site is not located in the Houston, Galveston, Brazoria nonattainment area.**

SUMMARY OF REDLINE/STRIKEOUT OF DRAFT TITLE V PERMIT

Page 12
F-EP-9.

Change the following IDs: FEP-10 should be F-EP-10 and FEP-9 should be F-EP-9.

Page 19-23	Change the following ID: FEP-10 should be F-EP-10
Page 23-24	Change the following ID: FEP-9 should be F-EP-9
Page 41	Omit the following parts washers: DEGR1, DEGR2, DEGR3
Page 43	Change the following ID: FEP-9 should be F-EP-9
Page 44	Fix typo in negative reason for PRPP-HTR
Page 55	Update issuance date for NSR Permit 168616
Page 55	Omit the following listed PBRs: 106.262 and 106.393
Page 56	Add emission unit ID BLOWDOWNS
Page 56	Change emission unit ID from FEP-9 to F-EP-9 and add Standard Permit 173794
Page 56	Change emission unit ID from FEP-10 to F-EP-10 and add Standard Permit 173794
Page 56	Omit references to PBR 106.262 for EP-12, F-EP-10, F-EP-9
Page 56	Add Standard Permit 173794 for EP-10, F-EP-10, F-EP-9
Page 56	Omit the following parts washers: DEGR1, DEGR2, DEGR3

Very Respectfully,

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 15, 2025 3:22 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

Good afternoon Mr. Carroll,

Thank you for your timely response and cooperation. The extension to respond will be granted!

Sincerely,

Samantha Mendez

Environmental Permit Specialist

Air Permits Division, Office of Air

(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 15, 2025 1:55 PM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Afternoon Ms. Mendez,

Thank you for the opportunity to respond to your questions.

While I have most of the information requesting, I was wondering if I could have until 1/22/2025 to finalize the answers for you? I haven't been at the site very long, so I'm not as versed with some of older permit content and the time would be used in order to accurately answer all of your questions to the fullest extent.

Best regards,

Charles

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Sent: Wednesday, January 8, 2025 11:12 AM
To: Carroll, Charles <charles.carroll2@honeywell.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

WARNING: This message has originated from an External Source. This may be a phishing email that can result in unauthorized access to Honeywell systems. Please use proper judgment and caution when opening attachments, clicking links, scanning QR codes, or responding.

Mr. Carroll,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This application has been assigned Project No. 37180. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Moreover, I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by January 15, 2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition to the working draft permit, the following deficiencies were found during my review of the renewal application. **Please respond to the following by January 15, 2025.**

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.

- NSR Authorization number 1727 should have an issuance date of 09/24/2024.
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023.
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6.
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Samantha Mendez
Sent: Friday, February 14, 2025 3:17 PM
To: Carroll, Charles
Cc: Rhyan Stone
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant
Attachments: SOP-O1533 Honeywell International INC (renewal, 37180) Draft.docx

Mr. Carroll,

I hope this email finds you well.

Regarding the Emission Unit “BLOWDOWNS”, the OP-SUMR attached to your last email obtained a name/description for the unit that has surpassed the character limit on our software program. Therefore, I wanted to confirm with you if it is okay to have the name/description for the unit be listed as “Blowdowns”.

Please let me know if there is another name/description you would like to be listed that is under 50 characters. Additionally, due to this inconvenience regarding the character limits, a newly revised OP-SUMR will be needed that states the new name/description of your choosing.

Additionally, I noted from your last email correspondence that the unit “BLOWDOWNS” obtains Preconstruction Authorizations 1829 and 173794. Please update the OP-SUMR to reflect Permit 1829 for this unit.

I have made the changed requested to the permit and have attached a revised working draft permit to this email for your review. If everything looks good, please provide an OP-CRO1 through STEERS by **February 21, 2024**.

Thank you for your continued cooperation!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, February 12, 2025 7:25 AM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Ms. Mendez,

Sorry for the delayed response. I'll try to capture all the comments in one go from the last couple correspondences.

In your email dated 1/29/2025, you requested forms for Title V ID Blowdowns. The blowdowns of different equipment is authorized by Permit 1829 and Standard Permit 173794. However, we understand that there are no potential applicable requirements for this type of operation and therefore, there are no unit attribute forms for this option. Our only intent was to include the source ID and the associated NSR authorizations into the Title V permit, specifically, the New Source Review Authorization References By Emission Unit section of the Title V permit. Attached is an OP-SUMR form that includes these references.

As for your question regarding 106.263 in your 2/4/2025 email, yes, PBR 106.263 was one of the PBRs authorized by PBR Registration 138665. This PBR is for MSS activities that do not have any potentially applicable regulatory requirements.

Lastly, I have attached a redline-strikeout version of the draft permit for your review. There were just a few minor edits that we are requesting. Once there are no more changes that need to be made to the draft permit, we can provide an OP-CRO1 to certify all of the submittals.

Very Respectfully,

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Sent: Tuesday, February 4, 2025 3:41 PM
To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Mr. Carroll,

I have made all the respective changes to the Working Draft Permit per your comments. Please ensure that all changes requested have been made in the attached draft permit!

Additionally, I wanted to certify with you that PBR 106.263 is applicable to Registration Number 138665.

Please get back to me by Friday, **February 7, 2025** if you have any additional questions with regard to the permit and for submittal of the OP-CRO1.

If you have any questions or concerns, please do not hesitate to contact me!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 29, 2025 1:17:27 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>

Subject: RE: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good morning Mr. Carroll,

I hope this email finds you well.

Please submit forms OP-SUMR and any OP-UA forms for unit ID "BLOWDOWNS" respectively. These forms are required for this unit to show up on the permit.

Additionally, please submit a revised OP-CRO1 to certify the changes made to the renewal application and working draft permit.

If you have any questions or concerns, please feel free to contact me!

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at
www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 22, 2025 6:07 PM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>
Subject: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Evening Ms. Mendez,

Thank you again for your help and consideration on this renewal.

Honeywell International Inc. is pleased to provide the following additional information in support of our pending renewal/minor revision of Title V Permit No. O-1533/Project 37180. We have repeated your questions below, followed by our response in red. Requested form documentation is attached. In support of and in addition to the responses to your comments, please also see the attached redline/strikeout mark up to the draft permit you provided. The marked changes to the draft permit are summarized at the end of this email response:

RESPONSE TO TCEQ QUESTIONS

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
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 - **In addition, please note that we identified three other degreasers/parts washers listed in the current permit have been removed from the plant and therefore, we have struck out references**

to DEGR1, DEGR2, and DEGR3 from the draft Title V permit. The replacement parts washers use a water-based cleaning solution and they qualify as de minimis sources and therefore TCEQ NSR authorization is not required and parts washers have no potentially applicable regulatory requirements.

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 - Please submit an updated page 1 for form OP-UA6. **Response: Please disregard any OP-UA6, Table 1 entries that have been historically submitted for boilers EP-26 and EP-27. The boilers are small and have a heat input capacity far less than the 250 lb/MMBtu threshold that would potentially trigger NSPS D applicability. The applicability has already been determined to be negative applicability for NSPS D based on heat input capacity as already represented in the Permit Shield section of the Title V permit. Honeywell is not proposing any different applicability determinations for boilers EP-26 and EP-27 and does not believe a unit attribute form is needed to confirm this established negative applicability determination.**
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• **Response: With this response, Honeywell confirms that the Orange Plant meets the description of “PETCHEM” as provided in the UA12 instructions as follows: “The site contains a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process as defined in 30 TAC § 115.10” As previously represented, the site has more than 250 fugitive components and the site is subject to 30 TAC Chapter 115 requirements for fugitive components.**
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 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well. **Response: Correct. The code for the new OP-REQ1 question XI.J.5 should be “NO”. The site is not located in the Houston, Galveston, Brazoria nonattainment area.**

SUMMARY OF REDLINE/STRIKEOUT OF DRAFT TITLE V PERMIT

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Page 55	Update issuance date for NSR Permit 168616
Page 55	Omit the following listed PBRs: 106.262 and 106.393
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Page 56	Change emission unit ID from FEP-9 to F-EP-9 and add Standard Permit 173794
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Page 56	Add Standard Permit 173794 for EP-10, F-EP-10, F-EP-9
Page 56	Omit the following parts washers: DEGR1, DEGR2, DEGR3

Very Respectfully,

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 15, 2025 3:22 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

Good afternoon Mr. Carroll,

Thank you for your timely response and cooperation. The extension to respond will be granted!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



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Sent: Wednesday, January 15, 2025 1:55 PM
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Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Afternoon Ms. Mendez,

Thank you for the opportunity to respond to your questions.

While I have most of the information requesting, I was wondering if I could have until 1/22/2025 to finalize the answers for you? I haven't been at the site very long, so I'm not as versed with some of older permit content and the time would be used in order to accurately answer all of your questions to the fullest extent.

Best regards,

Charles

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Sent: Wednesday, January 8, 2025 11:12 AM
To: Carroll, Charles <charles.carroll2@honeywell.com>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

WARNING: This message has originated from an External Source. This may be a phishing email that can result in unauthorized access to Honeywell systems. Please use proper judgment and caution when opening attachments, clicking links, scanning QR codes, or responding.

Mr. Carroll,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This application has been assigned Project No. 37180. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Moreover, I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by January 15, 2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition to the working draft permit, the following deficiencies were found during my review of the renewal application. **Please respond to the following by January 15, 2025.**

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024.
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023.
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6.
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these

changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Honeywell International Inc.

AUTHORIZING THE OPERATION OF
Orange Plant
Polyethylene Wax Unit
Plastics Material and Resin Manufacturing

LOCATED AT
Orange County, Texas
Latitude 30° 2' 53" Longitude 94° 7' 0"
Regulated Entity Number: RN100217405

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1533 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
 - C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
 - D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
 - E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
4. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with the following requirements:
 - A. Title 30 TAC § 115.145 (relating to Approved Test Methods)
 - B. Title 30 TAC § 115.146 (relating to Recordkeeping Requirements)

- C. Title 30 TAC § 115.147(1) (relating to Exemptions)
 - D. Title 30 TAC § 115.148 (relating to Determination of Wastewater Characteristics)
5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
- A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated August 28, 2024 in the application for project 37180), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
10. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated MON DAY, YYYY in the application for project XXXXX), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
11. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
12. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

13. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
14. Use of Emission Credits to comply with applicable requirements:

- A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116
 - B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
15. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)

- (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
- (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

16. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68. The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

17. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
- A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Permit Location

18. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

19. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP-10	FLARES	N/A	111-10	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-10COMBVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-EP10VENT	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-12	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-26	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-27	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-35	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-35	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-36	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-36	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-OXIB4VC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-COMB T-OX	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F-EP-10	FUGITIVE EMISSION UNITS	N/A	115D-10	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
F-EP-10	FUGITIVE EMISSION UNITS	N/A	60DDD-10	40 CFR Part 60, Subpart DDD	No changing attributes.
F-EP-9	FUGITIVE EMISSION UNITS	N/A	115D-9	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
HP PILOT PLT	CHEMICAL	N/A	115-HPPP	30 TAC Chapter 115, Batch	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESS			Processes	
LAB HOODS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-LABHOODS	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
M-102	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-109	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-4	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OIL-DRUM A	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
OIL-DRUM B	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
P-401A	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
P-401A	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-415	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-515	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PROFINOXI	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-VC	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-22	POLYMER	N/A	60DDD-1.76	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESSES			DDD	
PROFINPRL-23	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-24	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINU21-ATMZ	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX-1.76	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX3	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-Rx3	40 CFR Part 60, Subpart DDD	No changing attributes.
PRPP	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPP-1	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPAST	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPPAST	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPSOLV	SOLVENT DEGREASING MACHINES	N/A	R5411-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
RENTALBOIL	BOILERS/STEAM	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATORS/STEAM GENERATING UNITS				
TEMP BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-01	40 CFR Part 60, Subpart Dc	No changing attributes.
U-107	STORAGE TANKS/VESSELS	N/A	115B-107	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-13	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-14A	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14B	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14C	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-2	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-20A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-3	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-31	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-32	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
U-33	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-515	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-515	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-5A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-MIXER	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP-10	EU	111-10	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-10COMBVENT	EP	115-EP10VENT	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
EP-12	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-26	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-27	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.127(a)(2)	organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.		§ 115.126(4)	
EP-35	EP	115B-35	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-36	EP	115B-36	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-OXIB4VC	EP	115-COMB T-OX	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	None
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A)	No flanges or other connectors contacting a fluid with TVP greater than 0.044 psia (gas/vapor or	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.			
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)		[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.562-2(d) § 60.562-2(e)				
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.352(1)(A) § 115.352(1)	No flanges or other connectors contacting a	§ 115.354(1) § 115.354(10)	§ 115.352(7) § 115.354(10)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
HP PILOT PLT	PRO	115-HPPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
LAB HOODS	EP	115-LABHOODS	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
M-102	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
M-109	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
M-4	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OIL-DRUM A	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
OIL-DRUM B	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
P-401A	EU	60III-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of 4.0 g/KW-hr, as listed in Table 4 to this subpart.			
P-401A	EU	60IIII-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
P-401A	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
P-415	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	comply with the requirements as specified in Table 2d.4.a-c.	6.9.a.ii	§ 63.6660(c)	
P-515	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PROFINOXI	PRO	60DDD-VC	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.562-1(a)(1)(i) § 60.562-1(a)(1)(i)(A) § 60.562-1(a)(1)(i)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs (a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(1)(i) § 60.563(c) § 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(b) [G]§ 60.564(c) [G]§ 60.564(d)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(1) [G]§ 60.565(b)(2) § 60.565(c) § 60.565(c)(1) § 60.565(c)(2) § 60.565(c)(2)(i) [G]§ 60.565(g) § 60.565(j)	§ 60.565(a) [G]§ 60.565(a)(1) § 60.565(b)(1) § 60.565(i) § 60.565(j) § 60.565(k) § 60.565(k)(1) § 60.565(k)(2) § 60.565(l)
PROFINPRL-22	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§ 60.562-1 does not apply to any polypropylene or polyethylene affected facility	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.			§ 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-23	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-24	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINU21-ATMZ	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X-1.76	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X3	PRO	60DDD-Rx3	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.18 § 60.562-1(a)(1)(i) § 60.562-	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(2)(i) § 60.563(c)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(3)	§ 60.565(a) [G]§ 60.565(a)(3) § 60.565(b)(1) § 60.565(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					1(a)(1)(i)(C) § 60.562-1(a)(1)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	(a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	§ 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(d) [G]§ 60.564(e) [G]§ 60.564(f) [G]§ 60.564(g)	[G]§ 60.565(b)(2) [G]§ 60.565(e) [G]§ 60.565(g) § 60.565(j)	§ 60.565(j) § 60.565(k) § 60.565(k)(2) § 60.565(k)(4) § 60.565(l)
PRPP	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPP-1	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPPAST	PRO	115-PRPPAST	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
PRPPSOLV	EU	R5411-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	None	None
RENTALBOIL	EU	60Db-01	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	§ 60.46b(g)	[G]§ 60.49b(d) § 60.49b(o) [G]§ 60.49b(p)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(2) § 60.49b(a)(3) § 60.49b(q) § 60.49b(q)(1) § 60.49b(q)(3) § 60.49b(w)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60,	§ 60.40b(a)	The affected facility to which	None	[G]§ 60.49b(d)	§ 60.49b(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
L			(Opacity)	Subpart Db		this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).		§ 60.49b(o)	§ 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)
TEMP BLR	EU	60Dc-01	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
TEMP BLR	EU	60Dc-01	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit	None	§ 60.48c(g)(1) § 60.48c(g)(2)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(g)(3) § 60.48c(i)	
TEMP BLR	EU	60Dc-01	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
U-107	EU	115B-107	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-13	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
U-14A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1.5 psia is exempt from the requirements of this division.			
U-14C	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-2	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-20A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-3	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
U-31	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-32	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-33	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-5A	EP	115-MIXER	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
U-5B	EU	115B-5B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-5B	EU	115B-5B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-8B	EU	115B-8B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8B	EU	115B-8B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Additional Monitoring Requirements

Periodic Monitoring Summary	40
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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PRPPSOLV	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5411-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.	

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
CTWR-2	N/A	40 CFR Part 63, Subpart Q	Industrial process cooling tower unit does not use chromium-based water treatment chemicals and is not located in a major source of HAPs.
EP-10	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-10	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63.
EP-11	N/A	30 TAC Chapter 111, Visible Emissions	Flare is used for emergency use only.
EP-11	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-11	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-12	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-12	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-26	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is a natural gas.
EP-26	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-26	N/A	40 CFR Part 60, Subpart D	Boiler has a heat input capacity < 250

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			MMBtu/hr.
EP-26	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-27	N/A	30 TAC Chapter 112, Sulfur Compounds	Fuel used is natural gas.
EP-27	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-27	N/A	40 CFR Part 60, Subpart D	Boiler has a heat capacity < 250 MMBtu/hr.
EP-27	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-32A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
EP-32A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
EP-32A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP-35	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
EP-36	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
F-EP-9	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
FLRDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 63, Subpart OO	Unit is a storage tank that is not subject to any subparts of 40 CFR 60, 61, or 63 that references 40 CFR Part 63, Subpart OO for control of air emissions.
HP PILOT PLT	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
M-4	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
M-4	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
PROPOLYRX1A	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified,

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			or reconstructed before September 30, 1987.
PROPOLYRX1B	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PROPRODSTOR	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRORMPREP	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRPP	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-1	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-HTR	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is natural gas.
PRPP-HTR	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is no a major source of NOx emissions.
PRPPDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
PRPPPAST	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
RENTALBOIL	N/A	30 TAC Chapter 115, Vent Gas Controls	Boiler only burns natural gas and is not being used as a control device.
RENTALBOIL	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
RENTALBOIL	N/A	40 CFR Part 63, Subpart JJJJJJ	Emission Unit is a gas fired boiler as defined in 40 CFR 63.11237.
T-906	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
T-960	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
U-107	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-107	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-114	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-114	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-114	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-13	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-13	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			meters.
U-14A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-2	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-20A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-20A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-21	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-21	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-21	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-22D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22D	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22E	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22F	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22F	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22F	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-3	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-3	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-31	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-31	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-32	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-32	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-33	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-33	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-422A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-422B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422C	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422D	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422E	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-515	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-515	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-55	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-55	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-55	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-5B	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-5B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-6A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-6A	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-6A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-6B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-6B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-6B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-910	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-910	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-910	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

New Source Review Authorization References	
New Source Review Authorization References	55
New Source Review Authorization References by Emission Unit	56

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1727	Issuance Date: 09/24/2024
Authorization No.: 1736	Issuance Date: 08/23/2024
Authorization No.: 1829	Issuance Date: 04/27/2021
Authorization No.: 168616	Issuance Date: 10/24/2023
Authorization No.: 169894	Issuance Date: 08/15/2022
Authorization No.: 173794	Issuance Date: 09/20/2023
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.495	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
BLOWDOWNS	BLOWDOWNS	1829, 173794
CTWR-2	COOLING TOWER	1829
EP-10	M-1 FLARE	1829, 173794
EP-10COMBVENT	COMBINE VENT	1829
EP-11	M-2 FLARE	1829
EP-12	M-3 FLARE	1829, 106.261/11/01/2003, 106.263/11/01/2001
EP-26	BOILER #30	1727, 1829, 168616
EP-27	BOILER #31	1736, 1829, 168616
EP-32A	UNLEADED GASOLINE STORAGE TANK	106.472/09/04/2000
EP-35	BINARY DISTILLATION T-563 AND U-564 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-36	BINARY DISTILLATION T-363 AND U-364 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-OXIB4VC	OXIDIZER	1829
F-EP-10	PROCESS FUGITIVE - 115 & DDD	1829, 173794, 106.261/11/01/2003
F-EP-9	PROCESS FUGITIVE - 115	1829, 173794, 106.124/09/04/2000 [138665], 106.261/11/01/2003
FLRDRUM	LOADING OF FLARE KNOCKOUT DRUM	1829, 106.261/11/01/2003 [167923]
HP PILOT PLT	HIGH PRESSURE PILOT PLANT AND FLARE	106.124/09/04/2000, 106.263/11/01/2001, 106.492/09/04/2000
LAB HOODS	LAB HOODS ASSOCIATED WITH HP PILOT PLANT	106.124/09/04/2000 [138665], 106.263/11/01/2001
M-102	EMERGENCY GENERATOR (EAST)	106.511/09/04/2000
M-109	EMERGENCY GENERATOR (WEST)	106.511/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
M-4	PILOT PLANT FLARE	106.124/09/04/2000 [138665], 106.263/11/01/2001, 106.492/09/04/2000 [138665]
OIL-DRUM A	OIL DRUMMING A	1829
OIL-DRUM B	OIL DRUMMING B	1829
P-401A	FIRE WATER PUMP	106.511/09/04/2000 [159776]
P-415	FIRE WATER PUMP	106.511/09/04/2000
P-515	FIRE WATER PUMP	106.511/09/04/2000
PROFINOXI	PRODUCT FINISHING SECTION & VC CONTROL	1829
PROFINPRL-22	PRODUCT FINISHING SECTION - PRILLER EP-22	1829
PROFINPRL-23	PRODUCT FINISHING SECTION - PRILLER EP-23	1829
PROFINPRL-24	PRODUCT FINISHING SECTION - PRILLER EP-24	1829
PROFINU21-ATMZ	ATOMIZER	1829
PROPOLYRX-1.76	POLYMERIZATION SECTION	1829
PROPOLYRX1A	POLYMERIZATION SECTION: REACTOR 1A	1829
PROPOLYRX1B	POLYMERIZATION SECTION: REACTOR 1B	1829
PROPOLYRX3	POLYMERIZATION SECTION: REACTOR 3	1829
PROPRODSTOR	PRODUCT STORAGE SECTION	1829
PRORMPREP	RAW MATERIAL PREPARATION SECTION	1829
PRPP	PILOT PLANT	1829
PRPP-1	NEW PILOT PLANT	1829
PRPP-HTR	PILOT PLANT PROCESS HEATER	106.183/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PRPPDRUM	PRPP DRUMMING	1829
PRPPPAST	PRPP PASTILLATOR	1829
PRPPSOLV	PRPP DEGREASER	106.454/11/01/2001
RENTALBOIL	75 KPPH TRAILER MOUNTED BOILER	1829, 169894
T-906	CAUSTIC SCRUBBER	1829
T-960	CAUSTIC SCRUBBER	1829
TEMP BLR	350 HP ULTRA LOW NOX TRAILER MOUNTED BOILER	106.183/09/04/2000 [152717]
U-107	SOLVENT TANK	1829
U-114	SOLVENT TANK	1829
U-13	RECYCLED IPA STORAGE TANK	1829
U-14A	RECYCLED IPA/VA TANK	1829
U-14B	RECYCLED IPA/VA TANK	1829
U-14C	RECYCLED IPA/VA TANK	1829
U-19A	CATALYST PUMP MIX CHAMBER	1829
U-19B	CATALYST PUMP MIX CHAMBER	1829
U-19C	CATALYST PUMP MIX CHAMBER	1829
U-19D	CATALYST PUMP MIX CHAMBER	1829
U-19E	CATALYST PUMP MIX CHAMBER	1829
U-19F	CATALYST PUMP MIX CHAMBER	1829
U-2	IPA STORAGE TANK	1829
U-201	IPA RECOVERY POT	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-20A	CATALYST PREP TANK	1829
U-21	ATOMIZER WAX FEED TANK	1829
U-22A	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22B	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22C	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22D	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22E	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22F	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-3	RECYCLED IPA STORAGE TANK	1829
U-31	AA/IPA STORAGE TANK	1829
U-32	ACRYLIC ACID/ISOPROPYL ALCOHOL STORAGE TANK	1829
U-33	VINYL ACETATE TANK	1829
U-422A	DIESEL STORAGE TANK	106.472/09/04/2000
U-422B	DIESEL STORAGE TANK	106.472/09/04/2000
U-422C	DIESEL STORAGE TANK	106.472/09/04/2000
U-422D	DIESEL STORAGE TANK	106.472/09/04/2000
U-422E	DIESEL STORAGE TANK	106.472/09/04/2000
U-515	INITIATOR MIXING TANK	1829
U-55	GC TANK	1829
U-5A	INITIATOR MIXING TANK PROCESS VENT	1829
U-5B	INITIATOR MIXING TANK	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-6A	INITIATOR MIXING TANK	1829
U-6B	INITIATOR MIXING TANK	1829
U-8A	REACTOR FEED TANK	1829
U-8B	REACTOR FEED TANK	1829
U-910	FEED TANK	1829
U-914	CATALYST TANK	1829
U-967	CATALYST TANK	1829

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Appendix A

Acronym List 62

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, February 12, 2025 7:25 AM
To: Samantha Mendez
Cc: Rhyan Stone
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant
Attachments: Revised Draft Permit Redline 2-7-25.docx; OP-SUMR rev02-07-2025.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Ms. Mendez,

Sorry for the delayed response. I'll try to capture all the comments in one go from the last couple correspondences.

In your email dated 1/29/2025, you requested forms for Title V ID Blowdowns. The blowdowns of different equipment is authorized by Permit 1829 and Standard Permit 173794. However, we understand that there are no potential applicable requirements for this type of operation and therefore, there are no unit attribute forms for this option. Our only intent was to include the source ID and the associated NSR authorizations into the Title V permit, specifically, the New Source Review Authorization References By Emission Unit section of the Title V permit. Attached is an OP-SUMR form that includes these references.

As for your question regarding 106.263 in your 2/4/2025 email, yes, PBR 106.263 was one of the PBRs authorized by PBR Registration 138665. This PBR is for MSS activities that do not have any potentially applicable regulatory requirements.

Lastly, I have attached a redline-strikeout version of the draft permit for your review. There were just a few minor edits that we are requesting. Once there are no more changes that need to be made to the draft permit, we can provide an OP-CRO1 to certify all of the submittals.

Very Respectfully,

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Sent: Tuesday, February 4, 2025 3:41 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Mr. Carroll,

I have made all the respective changes to the Working Draft Permit per your comments. Please ensure that all changes requested have been made in the attached draft permit!

Additionally, I wanted to certify with you that PBR 106.263 is applicable to Registration Number 138665.

Please get back to me by Friday, **February 7, 2025** if you have any additional questions with regard to the permit and for submittal of the OP-CRO1.

If you have any questions or concerns, please do not hesitate to contact me!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 29, 2025 1:17:27 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>

Subject: RE: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good morning Mr. Carroll,

I hope this email finds you well.

Please submit forms OP-SUMR and any OP-UA forms for unit ID “BLOWDOWNS” respectively. These forms are required for this unit to show up on the permit.

Additionally, please submit a revised OP-CRO1 to certify the changes made to the renewal application and working draft permit.

If you have any questions or concerns, please feel free to contact me!

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 22, 2025 6:07 PM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>
Subject: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Evening Ms. Mendez,

Thank you again for your help and consideration on this renewal.

Honeywell International Inc. is pleased to provide the following additional information in support of our pending renewal/minor revision of Title V Permit No. O-1533/Project 37180. We have repeated your questions below, followed by our response in red. Requested form documentation is attached. In support of and in addition to the responses to your comments, please also see the attached redline/strikeout mark up to the draft permit you provided. The marked changes to the draft permit are summarized at the end of this email response:

RESPONSE TO TCEQ QUESTIONS

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024. **Response: We agree that the most recent issuance date for NSR Permit 1727 is 09/04/2024. Page 87 of form OP-REQ1 has been updated and is attached.**
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023. **Response: We agree that the issuance date for NSR Standard Permit 168616 needs to be updated. However, an extension to start of construction was granted on 10/24/2023, in response to a request that was submitted by Honeywell on 10/15/2023. Therefore, Page 87 of form OP-REQ1 has been updated to reference the 10/24/2023 grant date for this standard permit. This date is consistent with the Complete Date shown on the TCEQ Status of Air Permits and Permit Applications webpage.**
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active? **Response: PBR 106.262 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1 and this page is included with this submittal. Form PBRSUP does not need to be updated.**
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active? **Response: PBR 106.393 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1. Form PBRSUP does not need to be updated.**
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16. **Response: We have determined that the solvent in the Degreaser PRPPSOLV is heated but the temperature does not exceed the applicability threshold of 120 F. Therefore, a NO response is correct as you noted. A new OP-UA16 is included with this submittal.**
 -

In addition, please note that we identified three other degreasers/parts washers listed in the current permit have been removed from the plant and therefore, we have struck out references to DEGR1, DEGR2, and DEGR3 from the draft Title V permit. The replacement parts washers use a water-based cleaning solution and they qualify as de minimis sources and therefore TCEQ NSR authorization is not required and parts washers have no potentially applicable regulatory requirements.

- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6. Response: Please disregard any OP-UA6, Table 1 entries that have been historically submitted for boilers EP-26 and EP-27. The boilers are small and have a heat input capacity far less than the 250 lb/MMBtu threshold that would potentially trigger NSPS D applicability. The applicability has already been determined to be negative applicability for NSPS D based on heat input capacity as already represented in the Permit Shield section of the Title V permit. Honeywell is not proposing any different applicability determinations for boilers EP-26 and EP-27 and does not believe a unit attribute form is needed to confirm this established negative applicability determination.
-
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
 - Response: With this response, Honeywell confirms that the Orange Plant meets the description of “PETCHEM” as provided in the UA12 instructions as follows: “The site contains a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process as defined in 30 TAC § 115.10” As previously represented, the site has more than 250 fugitive components and the site is subject to 30 TAC Chapter 115 requirements for fugitive components.
-
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.

- I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well. **Response: Correct. The code for the new OP-REQ1 question XI.J.5 should be “NO”. The site is not located in the Houston, Galveston, Brazoria nonattainment area.**

SUMMARY OF REDLINE/STRIKEOUT OF DRAFT TITLE V PERMIT

Page 12	Change the following IDs: FEP-10 should be F-EP-10 and FEP-9 should be F-EP-9.
Page 19-23	Change the following ID: FEP-10 should be F-EP-10
Page 23-24	Change the following ID: FEP-9 should be F-EP-9
Page 41	Omit the following parts washers: DEGR1, DEGR2, DEGR3
Page 43	Change the following ID: FEP-9 should be F-EP-9
Page 44	Fix typo in negative reason for PRPP-HTR
Page 55	Update issuance date for NSR Permit 168616
Page 55	Omit the following listed PBRs: 106.262 and 106.393
Page 56	Add emission unit ID BLOWDOWNS
Page 56	Change emission unit ID from FEP-9 to F-EP-9 and add Standard Permit 173794
Page 56	Change emission unit ID from FEP-10 to F-EP-10 and add Standard Permit 173794
Page 56	Omit references to PBR 106.262 for EP-12, F-EP-10, F-EP-9
Page 56	Add Standard Permit 173794 for EP-10, F-EP-10, F-EP-9
Page 56	Omit the following parts washers: DEGR1, DEGR2, DEGR3

Very Respectfully,

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 15, 2025 3:22 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

Good afternoon Mr. Carroll,

Thank you for your timely response and cooperation. The extension to respond will be granted!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at
www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 15, 2025 1:55 PM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Afternoon Ms. Mendez,

Thank you for the opportunity to respond to your questions.

While I have most of the information requesting, I was wondering if I could have until 1/22/2025 to finalize the answers for you? I haven't been at the site very long, so I'm not as versed with some of older permit content and the time would be used in order to accurately answer all of your questions to the fullest extent.

Best regards,

Charles

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 8, 2025 11:12 AM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

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WARNING: This message has originated from an External Source. This may be a phishing email that can result in unauthorized access to Honeywell systems. Please use proper judgment and caution when opening attachments, clicking links, scanning QR codes, or responding.

Mr. Carroll,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This application has been assigned Project No. 37180. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Moreover, I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by January 15, 2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition to the working draft permit, the following deficiencies were found during my review of the renewal application. **Please respond to the following by January 15, 2025.**

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024.
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023.
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6.
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



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Texas Commission on Environmental Quality
Federal Operating Permit Program
Individual Unit Summary for Revisions
Form OP-SUMR
Table 1

Date:	Permit No.	Regulated Entity No.
8/28/2024 02/07/2025	O1533	100217405

Unit / Process AI	Unit / Process Revision No.	Unit/Process				Preconstruction Authorizations	
		ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
A		BLOWDOWNS	OP-SUMR	COLUMN, FILTER, PUMP, COMPRESSOR, TANK and SCRUBBER BLOWDOWN		Standard Permit 173794	
A	5	RentalBoil	OP-2 OP-SUMR OP-REQ2 OP-UA-6	75 KPPH Trailer Mounted Boiler		1829 Standard Permit 169894	

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Honeywell International Inc.

AUTHORIZING THE OPERATION OF
Orange Plant
Polyethylene Wax Unit
Plastics Material and Resin Manufacturing

LOCATED AT
Orange County, Texas
Latitude 30° 2' 53" Longitude 94° 7' 0"
Regulated Entity Number: RN100217405

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1533 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
 - C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
 - D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
 - E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
4. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with the following requirements:
 - A. Title 30 TAC § 115.145 (relating to Approved Test Methods)
 - B. Title 30 TAC § 115.146 (relating to Recordkeeping Requirements)

- C. Title 30 TAC § 115.147(1) (relating to Exemptions)
- D. Title 30 TAC § 115.148 (relating to Determination of Wastewater Characteristics)
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
- 7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

- 8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated August 28, 2024 in the application for project 37180), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
10. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
11. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
13. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116

- B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
14. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 15. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68.

The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

16. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Permit Location

17. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

18. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary	12
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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP-10	FLARES	N/A	111-10	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-10COMBVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-EP10VENT	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-12	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-26	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-27	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-35	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-35	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-36	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-36	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-OXIB4VC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-COMB T-OX	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F-EP-10	FUGITIVE EMISSION UNITS	N/A	115D-10	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
F-EP-10	FUGITIVE EMISSION UNITS	N/A	60DDD-10	40 CFR Part 60, Subpart DDD	No changing attributes.
F-EP-9	FUGITIVE EMISSION UNITS	N/A	115D-9	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
HP PILOT PLT	CHEMICAL	N/A	115-HPPP	30 TAC Chapter 115, Batch	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESS			Processes	
LAB HOODS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-LABHOODS	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
M-102	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-109	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-4	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OIL-DRUM A	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
OIL-DRUM B	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
P-401A	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
P-401A	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-415	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-515	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PROFINOXI	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-VC	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-22	POLYMER	N/A	60DDD-1.76	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESSES			DDD	
PROFINPRL-23	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-24	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINU21-ATMZ	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX-1.76	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX3	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-Rx3	40 CFR Part 60, Subpart DDD	No changing attributes.
PRPP	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPP-1	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPAST	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPPAST	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPSOLV	SOLVENT DEGREASING MACHINES	N/A	R5411-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
RENTALBOIL	BOILERS/STEAM	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATORS/STEAM GENERATING UNITS				
TEMP BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-01	40 CFR Part 60, Subpart Dc	No changing attributes.
U-107	STORAGE TANKS/VESSELS	N/A	115B-107	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-13	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-14A	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14B	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14C	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-2	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-20A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-3	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-31	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-32	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
U-33	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-515	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-515	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-5A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-MIXER	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP-10	EU	111-10	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-10COMBVENT	EP	115-EP10VENT	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
EP-12	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-26	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-27	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.127(a)(2)	organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.		§ 115.126(4)	
EP-35	EP	115B-35	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-36	EP	115B-36	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-OXIB4VC	EP	115-COMB T-OX	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	None
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A)	No flanges or other connectors contacting a fluid with TVP greater than 0.044 psia (gas/vapor or	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.			
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)		[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.562-2(d) § 60.562-2(e)				
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.352(1)(A) § 115.352(1)	No flanges or other connectors contacting a	§ 115.354(1) § 115.354(10)	§ 115.352(7) § 115.354(10)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
HP PILOT PLT	PRO	115-HPPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
LAB HOODS	EP	115-LABHOODS	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
M-102	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
M-109	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
M-4	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OIL-DRUM A	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
OIL-DRUM B	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
P-401A	EU	60III-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit	None	None	[G]§ 60.4214(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of 4.0 g/KW-hr, as listed in Table 4 to this subpart.			
P-401A	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
P-401A	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
P-415	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b)	§ 63.6640(e) § 63.6650(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	comply with the requirements as specified in Table 2d.4.a-c.	6.9.a.ii	§ 63.6660(c)	
P-515	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PROFINOXI	PRO	60DDD-VC	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.562-1(a)(1)(i) § 60.562-1(a)(1)(i)(A) § 60.562-1(a)(1)(i)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs (a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(1)(i) § 60.563(c) § 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(b) [G]§ 60.564(c) [G]§ 60.564(d)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(1) [G]§ 60.565(b)(2) § 60.565(c) § 60.565(c)(1) § 60.565(c)(2) § 60.565(c)(2)(i) [G]§ 60.565(g) § 60.565(j)	§ 60.565(a) [G]§ 60.565(a)(1) § 60.565(b)(1) § 60.565(i) § 60.565(j) § 60.565(k) § 60.565(k)(1) § 60.565(k)(2) § 60.565(l)
PROFINPRL-22	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§ 60.562-1 does not apply to any polypropylene or polyethylene affected facility	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.			§ 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-23	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-24	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINU21-ATMZ	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X-1.76	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X3	PRO	60DDD-Rx3	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.18 § 60.562-1(a)(1)(i) § 60.562-	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(2)(i) § 60.563(c)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(3)	§ 60.565(a) [G]§ 60.565(a)(3) § 60.565(b)(1) § 60.565(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					1(a)(1)(i)(C) § 60.562-1(a)(1)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	(a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	§ 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(d) [G]§ 60.564(e) [G]§ 60.564(f) [G]§ 60.564(g)	[G]§ 60.565(b)(2) [G]§ 60.565(e) [G]§ 60.565(g) § 60.565(j)	§ 60.565(j) § 60.565(k) § 60.565(k)(2) § 60.565(k)(4) § 60.565(l)
PRPP	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPP-1	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPPAST	PRO	115-PRPPAST	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
PRPPSOLV	EU	R5411-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	None	None
RENTALBOIL	EU	60Db-01	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	§ 60.46b(g)	[G]§ 60.49b(d) § 60.49b(o) [G]§ 60.49b(p)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(2) § 60.49b(a)(3) § 60.49b(q) § 60.49b(q)(1) § 60.49b(q)(3) § 60.49b(w)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60,	§ 60.40b(a)	The affected facility to which	None	[G]§ 60.49b(d)	§ 60.49b(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
L			(Opacity)	Subpart Db		this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).		§ 60.49b(o)	§ 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)
TEMP BLR	EU	60Dc-01	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
TEMP BLR	EU	60Dc-01	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit	None	§ 60.48c(g)(1) § 60.48c(g)(2)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(g)(3) § 60.48c(i)	
TEMP BLR	EU	60Dc-01	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
U-107	EU	115B-107	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-13	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
U-14A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1.5 psia is exempt from the requirements of this division.			
U-14C	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-2	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-20A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-3	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
U-31	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-32	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-33	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-5A	EP	115-MIXER	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
U-5B	EU	115B-5B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-5B	EU	115B-5B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-8B	EU	115B-8B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8B	EU	115B-8B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Additional Monitoring Requirements

Periodic Monitoring Summary	40
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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PRPPSOLV	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5411-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.	

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
CTWR-2	N/A	40 CFR Part 63, Subpart Q	Industrial process cooling tower unit does not use chromium-based water treatment chemicals and is not located in a major source of HAPs.
EP-10	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-10	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63.
EP-11	N/A	30 TAC Chapter 111, Visible Emissions	Flare is used for emergency use only.
EP-11	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-11	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-12	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-12	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-26	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is a natural gas.
EP-26	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-26	N/A	40 CFR Part 60, Subpart D	Boiler has a heat input capacity < 250

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			MMBtu/hr.
EP-26	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-27	N/A	30 TAC Chapter 112, Sulfur Compounds	Fuel used is natural gas.
EP-27	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-27	N/A	40 CFR Part 60, Subpart D	Boiler has a heat capacity < 250 MMBtu/hr.
EP-27	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-32A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
EP-32A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
EP-32A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP-35	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
EP-36	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
F-EP-9	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
FLRDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 63, Subpart OO	Unit is a storage tank that is not subject to any subparts of 40 CFR 60, 61, or 63 that references 40 CFR Part 63, Subpart OO for control of air emissions.
HP PILOT PLT	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
M-4	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
M-4	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
PROPOLYRX1A	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified,

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			or reconstructed before September 30, 1987.
PROPOLYRX1B	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PROPRODSTOR	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRORMPREP	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRPP	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-1	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-HTR	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is natural gas.
PRPP-HTR	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is no a major source of NOx emissions.
PRPPDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
PRPPPAST	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
RENTALBOIL	N/A	30 TAC Chapter 115, Vent Gas Controls	Boiler only burns natural gas and is not being used as a control device.
RENTALBOIL	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
RENTALBOIL	N/A	40 CFR Part 63, Subpart JJJJJJ	Emission Unit is a gas fired boiler as defined in 40 CFR 63.11237.
T-906	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
T-960	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
U-107	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-107	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-114	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-114	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-114	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-13	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-13	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			meters.
U-14A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-2	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-20A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-20A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-21	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-21	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-21	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-22D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22D	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22E	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22F	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22F	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22F	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-3	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-3	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-31	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-31	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-32	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-32	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-33	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-33	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-422A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-422B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422C	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422D	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422E	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-515	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-515	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-55	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-55	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-55	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-5B	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-5B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-6A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-6A	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-6A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-6B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-6B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-6B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-910	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-910	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-910	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

New Source Review Authorization References

New Source Review Authorization References	55
New Source Review Authorization References by Emission Unit	56

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1727	Issuance Date: 09/24/2024
Authorization No.: 1736	Issuance Date: 08/23/2024
Authorization No.: 1829	Issuance Date: 04/27/2021
Authorization No.: 168616	Issuance Date: 10/15/2023 10/24/2023
Authorization No.: 169894	Issuance Date: 08/15/2022
Authorization No.: 173794	Issuance Date: 09/20/2023
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.495	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
BLOWDOWNS	COLUMN, FILTER, PUMP, COMPRESSOR, TANK, AND SCRUBBER BLOWDOWNS	1829, 173794
CTWR-2	COOLING TOWER	1829
EP-10	M-1 FLARE	1829, 173794
EP-10COMBVENT	COMBINE VENT	1829
EP-11	M-2 FLARE	1829
EP-12	M-3 FLARE	1829, 106.261/11/01/2003, 106.262/11/01/2003 , 106.263/11/01/2001
EP-26	BOILER #30	1727, 1829, 168616
EP-27	BOILER #31	1736, 1829, 168616
EP-32A	UNLEADED GASOLINE GASOLINE STORAGE TANK	106.472/09/04/2000
EP-35	BINARY DISTILLATION T-563 AND U-564 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-36	BINARY DISTILLATION T-363 AND U-364 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-OXIB4VC	OXIDIZER	1829
F-EP-10	PROCESS FUGITIVE - 115 & DDD	1829, 173794, 106.261/11/01/2003, 106.262/11/01/2003
F-EP-9	PROCESS FUGITIVE - 115	1829, 173794, 106.124/09/04/2000 [138665], 106.261/11/01/2003, 106.262/11/01/2003
FLRDRUM	LOADING OF FLARE KNOCKOUT DRUM	1829, 106.261/11/01/2003 [167923]
HP PILOT PLT	HIGH PRESSURE PILOT PLANT AND FLARE	106.124/09/04/2000, 106.263/11/01/2001, 106.492/09/04/2000
LAB HOODS	LAB HOODS ASSOCIATED WITH HP PILOT PLANT	106.124/09/04/2000 [138665], 106.263/11/01/2001

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
M-102	EMERGENCY GENERATOR (EAST)	106.511/09/04/2000
M-109	EMERGENCY GENERATOR (WEST)	106.511/09/04/2000
M-4	PILOT PLANT FLARE	106.124/09/04/2000 [138665], 106.263/11/01/2001, 106.492/09/04/2000 [138665]
OIL-DRUM A	OIL DRUMMING A	1829
OIL-DRUM B	OIL DRUMMING B	1829
P-401A	FIRE WATER PUMP	106.511/09/04/2000 [159776]
P-415	FIRE WATER PUMP	106.511/09/04/2000
P-515	FIRE WATER PUMP	106.511/09/04/2000
PROFINOXI	PRODUCT FINISHING SECTION & VC CONTROL	1829
PROFINPRL-22	PRODUCT FINISHING SECTION - PRILLER EP-22	1829
PROFINPRL-23	PRODUCT FINISHING SECTION - PRILLER EP-23	1829
PROFINPRL-24	PRODUCT FINISHING SECTION - PRILLER EP-24	1829
PROFINU21-ATMZ	ATOMIZER	1829
PROPOLYRX-1.76	POLYMERIZATION SECTION	1829
PROPOLYRX1A	POLYMERIZATION SECTION: REACTOR 1A	1829
PROPOLYRX1B	POLYMERIZATION SECTION: REACTOR 1B	1829
PROPOLYRX3	POLYMERIZATION SECTION: REACTOR 3	1829
PROPRODSTOR	PRODUCT STORAGE SECTION	1829
PRORMPREP	RAW MATERIAL PREPARATION SECTION	1829
PRPP	PILOT PLANT	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PRPP-1	NEW PILOT PLANT	1829
PRPP-HTR	PILOT PLANT PROCESS HEATER	106.183/09/04/2000
PRPPDRUM	PRPP DRUMMING	1829
PRPPAST	PRPP PASTILLATOR	1829
PRPPSOLV	PRPP DEGREASER	106.454/11/01/2001
RENTALBOIL	75 KPPH TRAILER MOUNTED BOILER	1829, 169894
T-906	CAUSTIC SCRUBBER	1829
T-960	CAUSTIC SCRUBBER	1829
TEMP BLR	350 HP ULTRA LOW NOX TRAILER MOUNTED BOILER	106.183/09/04/2000 [152717]
U-107	SOLVENT TANK	1829
U-114	SOLVENT TANK	1829
U-13	RECYCLED IPA STORAGE TANK	1829
U-14A	RECYCLED IPA/VA TANK	1829
U-14B	RECYCLED IPA/VA TANK	1829
U-14C	RECYCLED IPA/VA TANK	1829
U-19A	CATALYST PUMP MIX CHAMBER	1829
U-19B	CATALYST PUMP MIX CHAMBER	1829
U-19C	CATALYST PUMP MIX CHAMBER	1829
U-19D	CATALYST PUMP MIX CHAMBER	1829
U-19E	CATALYST PUMP MIX CHAMBER	1829
U-19F	CATALYST PUMP MIX CHAMBER	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-2	IPA STORAGE TANK	1829
U-201	IPA RECOVERY POT	1829
U-20A	CATALYST PREP TANK	1829
U-21	ATOMIZER WAX FEED TANK	1829
U-22A	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22B	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22C	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22D	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22E	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22F	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-3	RECYCLED IPA STORAGE TANK	1829
U-31	AA/IPA STORAGE TANK	1829
U-32	ACRYLIC ACID/ISOPROPYL ALCOHOL STORAGE TANK	1829
U-33	VINYL ACETATE TANK	1829
U-422A	DIESEL STORAGE TANK	106.472/09/04/2000
U-422B	DIESEL STORAGE TANK	106.472/09/04/2000
U-422C	DIESEL STORAGE TANK	106.472/09/04/2000
U-422D	DIESEL STORAGE TANK	106.472/09/04/2000
U-422E	DIESEL STORAGE TANK	106.472/09/04/2000
U-515	INITIATOR MIXING TANK	1829
U-55	GC TANK	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-5A	INITIATOR MIXING TANK PROCESS VENT	1829
U-5B	INITIATOR MIXING TANK	1829
U-6A	INITIATOR MIXING TANK	1829
U-6B	INITIATOR MIXING TANK	1829
U-8A	REACTOR FEED TANK	1829
U-8B	REACTOR FEED TANK	1829
U-910	FEED TANK	1829
U-914	CATALYST TANK	1829
U-967	CATALYST TANK	1829

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Appendix A

Acronym List 62

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

From: Samantha Mendez
Sent: Tuesday, February 4, 2025 3:41 PM
To: Carroll, Charles
Cc: Rhyan Stone
Subject: Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant
Attachments: Revised Draft Permit.docx

Mr. Carroll,

I have made all the respective changes to the Working Draft Permit per your comments. Please ensure that all changes requested have been made in the attached draft permit!

Additionally, I wanted to certify with you that PBR 106.263 is applicable to Registration Number 138665.

Please get back to me by Friday, **February 7, 2025** if you have any additional questions with regard to the permit and for submittal of the OP-CRO1.

If you have any questions or concerns, please do not hesitate to contact me!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



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FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Honeywell International Inc.

AUTHORIZING THE OPERATION OF
Orange Plant
Polyethylene Wax Unit
Plastics Material and Resin Manufacturing

LOCATED AT
Orange County, Texas
Latitude 30° 2' 53" Longitude 94° 7' 0"
Regulated Entity Number: RN100217405

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1533 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
 - C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
 - D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
 - E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
4. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with the following requirements:
 - A. Title 30 TAC § 115.145 (relating to Approved Test Methods)
 - B. Title 30 TAC § 115.146 (relating to Recordkeeping Requirements)

- C. Title 30 TAC § 115.147(1) (relating to Exemptions)
- D. Title 30 TAC § 115.148 (relating to Determination of Wastewater Characteristics)
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
- 7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

- 8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated August 28, 2024 in the application for project 37180), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
10. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
11. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
13. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116

- B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
14. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 15. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68.

The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

16. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Permit Location

17. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

18. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary	12
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Applicable Requirements Summary	18
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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP-10	FLARES	N/A	111-10	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-10COMBVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-EP10VENT	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-12	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-26	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-27	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-35	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-35	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-36	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-36	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-OXIB4VC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-COMB T-OX	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
F-EP-10	FUGITIVE EMISSION UNITS	N/A	115D-10	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
F-EP-10	FUGITIVE EMISSION UNITS	N/A	60DDD-10	40 CFR Part 60, Subpart DDD	No changing attributes.
F-EP-9	FUGITIVE EMISSION UNITS	N/A	115D-9	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
HP PILOT PLT	CHEMICAL	N/A	115-HPPP	30 TAC Chapter 115, Batch	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESS			Processes	
LAB HOODS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-LABHOODS	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
M-102	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-109	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-4	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OIL-DRUM A	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
OIL-DRUM B	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
P-401A	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
P-401A	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-415	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-515	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PROFINOXI	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-VC	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-22	POLYMER	N/A	60DDD-1.76	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESSES			DDD	
PROFINPRL-23	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-24	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINU21-ATMZ	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX-1.76	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX3	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-Rx3	40 CFR Part 60, Subpart DDD	No changing attributes.
PRPP	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPP-1	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPAST	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPPAST	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPSOLV	SOLVENT DEGREASING MACHINES	N/A	R5411-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
RENTALBOIL	BOILERS/STEAM	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATORS/STEAM GENERATING UNITS				
TEMP BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-01	40 CFR Part 60, Subpart Dc	No changing attributes.
U-107	STORAGE TANKS/VESSELS	N/A	115B-107	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-13	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-14A	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14B	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14C	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-2	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-20A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-3	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-31	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-32	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
U-33	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-515	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-515	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-5A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-MIXER	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP-10	EU	111-10	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-10COMBVENT	EP	115-EP10VENT	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
EP-12	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-26	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-27	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.127(a)(2)	organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.		§ 115.126(4)	
EP-35	EP	115B-35	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-36	EP	115B-36	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-OXIB4VC	EP	115-COMB T-OX	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	None
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A)	No flanges or other connectors contacting a fluid with TVP greater than 0.044 psia (gas/vapor or	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.			
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)		[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.562-2(d) § 60.562-2(e)				
F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.352(1)(A) § 115.352(1)	No flanges or other connectors contacting a	§ 115.354(1) § 115.354(10)	§ 115.352(7) § 115.354(10)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
HP PILOT PLT	PRO	115-HPPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
LAB HOODS	EP	115-LABHOODS	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
M-102	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
M-109	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
M-4	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OIL-DRUM A	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
OIL-DRUM B	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
P-401A	EU	60III-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of 4.0 g/KW-hr, as listed in Table 4 to this subpart.			
P-401A	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
P-401A	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
P-415	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	comply with the requirements as specified in Table 2d.4.a-c.	6.9.a.ii	§ 63.6660(c)	
P-515	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PROFINOXI	PRO	60DDD-VC	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.562-1(a)(1)(i) § 60.562-1(a)(1)(i)(A) § 60.562-1(a)(1)(i)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs (a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(1)(i) § 60.563(c) § 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(b) [G]§ 60.564(c) [G]§ 60.564(d)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(1) [G]§ 60.565(b)(2) § 60.565(c) § 60.565(c)(1) § 60.565(c)(2) § 60.565(c)(2)(i) [G]§ 60.565(g) § 60.565(j)	§ 60.565(a) [G]§ 60.565(a)(1) § 60.565(b)(1) § 60.565(i) § 60.565(j) § 60.565(k) § 60.565(k)(1) § 60.565(k)(2) § 60.565(l)
PROFINPRL-22	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§ 60.562-1 does not apply to any polypropylene or polyethylene affected facility	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.			§ 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-23	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-24	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINU21-ATMZ	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X-1.76	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X3	PRO	60DDD-Rx3	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.18 § 60.562-1(a)(1)(i) § 60.562-	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(2)(i) § 60.563(c)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(3)	§ 60.565(a) [G]§ 60.565(a)(3) § 60.565(b)(1) § 60.565(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					1(a)(1)(i)(C) § 60.562-1(a)(1)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	(a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	§ 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(d) [G]§ 60.564(e) [G]§ 60.564(f) [G]§ 60.564(g)	[G]§ 60.565(b)(2) [G]§ 60.565(e) [G]§ 60.565(g) § 60.565(j)	§ 60.565(j) § 60.565(k) § 60.565(k)(2) § 60.565(k)(4) § 60.565(l)
PRPP	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPP-1	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPPAST	PRO	115-PRPPAST	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
PRPPSOLV	EU	R5411-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	None	None
RENTALBOIL	EU	60Db-01	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	§ 60.46b(g)	[G]§ 60.49b(d) § 60.49b(o) [G]§ 60.49b(p)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(2) § 60.49b(a)(3) § 60.49b(q) § 60.49b(q)(1) § 60.49b(q)(3) § 60.49b(w)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	The affected facility to which this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60,	§ 60.40b(a)	The affected facility to which	None	[G]§ 60.49b(d)	§ 60.49b(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
L			(Opacity)	Subpart Db		this subpart applies is each steam generating unit that commences construction, modification, or reconstruction after June 19, 1984, and that has a heat input capacity from fuels combusted in the steam generating unit of greater than 29 megawatts (MW) (100 million British thermal units per hour (MMBtu/hr)).		§ 60.49b(o)	§ 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	On and after the §60.8 performance test is completed, units constructed, reconstructed, or modified after February 28, 2005, firing only very low sulfur oil, gaseous fuel, a mixture of these fuels, or a mixture of these fuels with any other fuels with a potential SO ₂ emission rate of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)
TEMP BLR	EU	60Dc-01	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
TEMP BLR	EU	60Dc-01	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit	None	§ 60.48c(g)(1) § 60.48c(g)(2)	[G]§ 60.48c(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).		§ 60.48c(g)(3) § 60.48c(i)	
TEMP BLR	EU	60Dc-01	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
U-107	EU	115B-107	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-13	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
U-14A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1.5 psia is exempt from the requirements of this division.			
U-14C	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-2	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-20A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-3	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
U-31	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-32	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-33	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-5A	EP	115-MIXER	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
U-5B	EU	115B-5B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-5B	EU	115B-5B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-8B	EU	115B-8B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8B	EU	115B-8B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Additional Monitoring Requirements

Periodic Monitoring Summary	40
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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PRPPSOLV	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5411-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.	

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
CTWR-2	N/A	40 CFR Part 63, Subpart Q	Industrial process cooling tower unit does not use chromium-based water treatment chemicals and is not located in a major source of HAPs.
EP-10	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-10	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63.
EP-11	N/A	30 TAC Chapter 111, Visible Emissions	Flare is used for emergency use only.
EP-11	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-11	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-12	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-12	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-26	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is a natural gas.
EP-26	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-26	N/A	40 CFR Part 60, Subpart D	Boiler has a heat input capacity < 250

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			MMBtu/hr.
EP-26	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-27	N/A	30 TAC Chapter 112, Sulfur Compounds	Fuel used is natural gas.
EP-27	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-27	N/A	40 CFR Part 60, Subpart D	Boiler has a heat capacity < 250 MMBtu/hr.
EP-27	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-32A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
EP-32A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
EP-32A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP-35	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
EP-36	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
F-EP-9	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
FLRDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 63, Subpart OO	Unit is a storage tank that is not subject to any subparts of 40 CFR 60, 61, or 63 that references 40 CFR Part 63, Subpart OO for control of air emissions.
HP PILOT PLT	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
M-4	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
M-4	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
PROPOLYRX1A	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified,

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			or reconstructed before September 30, 1987.
PROPOLYRX1B	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PROPRODSTOR	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRORMPREP	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRPP	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-1	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-HTR	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is natural gas.
PRPP-HTR	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is no a major source of NOx emissions.
PRPPDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
PRPPAST	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
RENTALBOIL	N/A	30 TAC Chapter 115, Vent Gas Controls	Boiler only burns natural gas and is not being used as a control device.
RENTALBOIL	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
RENTALBOIL	N/A	40 CFR Part 63, Subpart JJJJJJ	Emission Unit is a gas fired boiler as defined in 40 CFR 63.11237.
T-906	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
T-960	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
U-107	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-107	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-114	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-114	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-114	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-13	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-13	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			meters.
U-14A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-2	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-20A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-20A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-21	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-21	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-21	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-22D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22D	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22E	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22F	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22F	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22F	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-3	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-3	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-31	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-31	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-32	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-32	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-33	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-33	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-422A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-422B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422C	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422D	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422E	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-515	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-515	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-55	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-55	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-55	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-5B	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-5B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-6A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-6A	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-6A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-6B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-6B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-6B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-910	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-910	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-910	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

New Source Review Authorization References

New Source Review Authorization References	55
New Source Review Authorization References by Emission Unit	56

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1727	Issuance Date: 09/24/2024
Authorization No.: 1736	Issuance Date: 08/23/2024
Authorization No.: 1829	Issuance Date: 04/27/2021
Authorization No.: 168616	Issuance Date: 10/15/2023
Authorization No.: 169894	Issuance Date: 08/15/2022
Authorization No.: 173794	Issuance Date: 09/20/2023
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.495	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
CTWR-2	COOLING TOWER	1829
EP-10	M-1 FLARE	1829, 173794
EP-10COMBVENT	COMBINE VENT	1829
EP-11	M-2 FLARE	1829
EP-12	M-3 FLARE	1829, 106.261/11/01/2003, 106.262/11/01/2003, 106.263/11/01/2001
EP-26	BOILER #30	1727, 1829, 168616
EP-27	BOILER #31	1736, 1829, 168616
EP-32A	UNLEADED GASOLINE STORAGE TANK	106.472/09/04/2000
EP-35	BINARY DISTILLATION T-563 AND U-564 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-36	BINARY DISTILLATION T-363 AND U-364 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-OXIB4VC	OXIDIZER	1829
F-EP-10	PROCESS FUGITIVE - 115 & DDD	1829, 173794, 106.261/11/01/2003, 106.262/11/01/2003
F-EP-9	PROCESS FUGITIVE - 115	1829, 173794, 106.124/09/04/2000 [138665], 106.261/11/01/2003, 106.262/11/01/2003
FLRDRUM	LOADING OF FLARE KNOCKOUT DRUM	1829, 106.261/11/01/2003 [167923]
HP PILOT PLT	HIGH PRESSURE PILOT PLANT AND FLARE	106.124/09/04/2000, 106.263/11/01/2001, 106.492/09/04/2000
LAB HOODS	LAB HOODS ASSOCIATED WITH HP PILOT PLANT	106.124/09/04/2000 [138665], 106.263/11/01/2001
M-102	EMERGENCY GENERATOR (EAST)	106.511/09/04/2000
M-109	EMERGENCY GENERATOR (WEST)	106.511/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
M-4	PILOT PLANT FLARE	106.124/09/04/2000 [138665], 106.263/11/01/2001, 106.492/09/04/2000 [138665]
OIL-DRUM A	OIL DRUMMING A	1829
OIL-DRUM B	OIL DRUMMING B	1829
P-401A	FIRE WATER PUMP	106.511/09/04/2000 [159776]
P-415	FIRE WATER PUMP	106.511/09/04/2000
P-515	FIRE WATER PUMP	106.511/09/04/2000
PROFINOXI	PRODUCT FINISHING SECTION & VC CONTROL	1829
PROFINPRL-22	PRODUCT FINISHING SECTION - PRILLER EP-22	1829
PROFINPRL-23	PRODUCT FINISHING SECTION - PRILLER EP-23	1829
PROFINPRL-24	PRODUCT FINISHING SECTION - PRILLER EP-24	1829
PROFINU21-ATMZ	ATOMIZER	1829
PROPOLYRX-1.76	POLYMERIZATION SECTION	1829
PROPOLYRX1A	POLYMERIZATION SECTION: REACTOR 1A	1829
PROPOLYRX1B	POLYMERIZATION SECTION: REACTOR 1B	1829
PROPOLYRX3	POLYMERIZATION SECTION: REACTOR 3	1829
PROPRODSTOR	PRODUCT STORAGE SECTION	1829
PRORMPREP	RAW MATERIAL PREPARATION SECTION	1829
PRPP	PILOT PLANT	1829
PRPP-1	NEW PILOT PLANT	1829
PRPP-HTR	PILOT PLANT PROCESS HEATER	106.183/09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PRPPDRUM	PRPP DRUMMING	1829
PRPPPAST	PRPP PASTILLATOR	1829
PRPPSOLV	PRPP DEGREASER	106.454/11/01/2001
RENTALBOIL	75 KPPH TRAILER MOUNTED BOILER	1829, 169894
T-906	CAUSTIC SCRUBBER	1829
T-960	CAUSTIC SCRUBBER	1829
TEMP BLR	350 HP ULTRA LOW NOX TRAILER MOUNTED BOILER	106.183/09/04/2000 [152717]
U-107	SOLVENT TANK	1829
U-114	SOLVENT TANK	1829
U-13	RECYCLED IPA STORAGE TANK	1829
U-14A	RECYCLED IPA/VA TANK	1829
U-14B	RECYCLED IPA/VA TANK	1829
U-14C	RECYCLED IPA/VA TANK	1829
U-19A	CATALYST PUMP MIX CHAMBER	1829
U-19B	CATALYST PUMP MIX CHAMBER	1829
U-19C	CATALYST PUMP MIX CHAMBER	1829
U-19D	CATALYST PUMP MIX CHAMBER	1829
U-19E	CATALYST PUMP MIX CHAMBER	1829
U-19F	CATALYST PUMP MIX CHAMBER	1829
U-2	IPA STORAGE TANK	1829
U-201	IPA RECOVERY POT	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-20A	CATALYST PREP TANK	1829
U-21	ATOMIZER WAX FEED TANK	1829
U-22A	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22B	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22C	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22D	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22E	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22F	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-3	RECYCLED IPA STORAGE TANK	1829
U-31	AA/IPA STORAGE TANK	1829
U-32	ACRYLIC ACID/ISOPROPYL ALCOHOL STORAGE TANK	1829
U-33	VINYL ACETATE TANK	1829
U-422A	DIESEL STORAGE TANK	106.472/09/04/2000
U-422B	DIESEL STORAGE TANK	106.472/09/04/2000
U-422C	DIESEL STORAGE TANK	106.472/09/04/2000
U-422D	DIESEL STORAGE TANK	106.472/09/04/2000
U-422E	DIESEL STORAGE TANK	106.472/09/04/2000
U-515	INITIATOR MIXING TANK	1829
U-55	GC TANK	1829
U-5A	INITIATOR MIXING TANK PROCESS VENT	1829
U-5B	INITIATOR MIXING TANK	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-6A	INITIATOR MIXING TANK	1829
U-6B	INITIATOR MIXING TANK	1829
U-8A	REACTOR FEED TANK	1829
U-8B	REACTOR FEED TANK	1829
U-910	FEED TANK	1829
U-914	CATALYST TANK	1829
U-967	CATALYST TANK	1829

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Appendix A

Acronym List 62

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

From: Samantha Mendez
Sent: Wednesday, January 29, 2025 1:17 PM
To: Carroll, Charles
Cc: Rhyan Stone; O'Quinn-Thomas, Angela
Subject: RE: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good morning Mr. Carroll,

I hope this email finds you well.

Please submit forms OP-SUMR and any OP-UA forms for unit ID "BLOWDOWNS" respectively. These forms are required for this unit to show up on the permit.

Additionally, please submit a revised OP-CRO1 to certify the changes made to the renewal application and working draft permit.

If you have any questions or concerns, please feel free to contact me!

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 22, 2025 6:07 PM
To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>; O'Quinn-Thomas, Angela <Angela.OQuinn-Thomas@Honeywell.com>
Subject: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Evening Ms. Mendez,

Thank you again for your help and consideration on this renewal.

Honeywell International Inc. is pleased to provide the following additional information in support of our pending renewal/minor revision of Title V Permit No. O-1533/Project 37180. We have repeated your questions below, followed by our response in red. Requested form documentation is attached. In support of and in addition to the responses to your comments, please also see the attached redline/strikeout mark up to the draft permit you provided. The marked changes to the draft permit are summarized at the end of this email response:

RESPONSE TO TCEQ QUESTIONS

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024. **Response: We agree that the most recent issuance date for NSR Permit 1727 is 09/04/2024. Page 87 of form OP-REQ1 has been updated and is attached.**
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023. **Response: We agree that the issuance date for NSR Standard Permit 168616 needs to be updated. However, an extension to start of construction was granted on 10/24/2023, in response to a request that was submitted by Honeywell on 10/15/2023. Therefore, Page 87 of form OP-REQ1 has been updated to reference the 10/24/2023 grant date for this standard permit. This date is consistent with the Complete Date shown on the TCEQ Status of Air Permits and Permit Applications webpage.**
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBR SUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBR SUP. Is this permit still active? **Response: PBR 106.262 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1 and this page is included with this submittal. Form PBR SUP does not need to be updated.**
 - If so, please submit a new PBR SUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBR SUP. Is this permit still active? **Response: PBR 106.393 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1. Form PBR SUP does not need to be updated.**
 - If so, please submit a new PBR SUP.

- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16. **Response: We have determined that the solvent in the Degreaser PRPPSOLV is heated but the temperature does not exceed the applicability threshold of 120 F. Therefore, a NO response is correct as you noted. A new OP-UA16 is included with this submittal.**
 - In addition, please note that we identified three other degreasers/parts washers listed in the current permit have been removed from the plant and therefore, we have struck out references to DEGR1, DEGR2, and DEGR3 from the draft Title V permit. The replacement parts washers use a water-based cleaning solution and they qualify as de minimis sources and therefore TCEQ NSR authorization is not required and parts washers have no potentially applicable regulatory requirements.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6. **Response: Please disregard any OP-UA6, Table 1 entries that have been historically submitted for boilers EP-26 and EP-27. The boilers are small and have a heat input capacity far less than the 250 lb/MMBtu threshold that would potentially trigger NSPS D applicability. The applicability has already been determined to be negative applicability for NSPS D based on heat input capacity as already represented in the Permit Shield section of the Title V permit. Honeywell is not proposing any different applicability determinations for boilers EP-26 and EP-27 and does not believe a unit attribute form is needed to confirm this established negative applicability determination.**
 -
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
 - **Response: With this response, Honeywell confirms that the Orange Plant meets the description of “PETCHEM” as provided in the UA12**

instructions as follows: “The site contains a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process as defined in 30 TAC § 115.10” As previously represented, the site has more than 250 fugitive components and the site is subject to 30 TAC Chapter 115 requirements for fugitive components.

-
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well. **Response: Correct. The code for the new OP-REQ1 question XI.J.5 should be “NO”. The site is not located in the Houston, Galveston, Brazoria nonattainment area.**

SUMMARY OF REDLINE/STRIKEOUT OF DRAFT TITLE V PERMIT

Page 12	Change the following IDs: FEP-10 should be F-EP-10 and FEP-9 should be F-EP-9.
Page 19-23	Change the following ID: FEP-10 should be F-EP-10
Page 23-24	Change the following ID: FEP-9 should be F-EP-9
Page 41	Omit the following parts washers: DEGR1, DEGR2, DEGR3
Page 43	Change the following ID: FEP-9 should be F-EP-9
Page 44	Fix typo in negative reason for PRPP-HTR
Page 55	Update issuance date for NSR Permit 168616
Page 55	Omit the following listed PBRs: 106.262 and 106.393
Page 56	Add emission unit ID BLOWDOWNS
Page 56	Change emission unit ID from FEP-9 to F-EP-9 and add Standard Permit 173794
Page 56	Change emission unit ID from FEP-10 to F-EP-10 and add Standard Permit 173794
Page 56	Omit references to PBR 106.262 for EP-12, F-EP-10, F-EP-9
Page 56	Add Standard Permit 173794 for EP-10, F-EP-10, F-EP-9
Page 56	Omit the following parts washers: DEGR1, DEGR2, DEGR3

Very Respectfully,

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 15, 2025 3:22 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

Good afternoon Mr. Carroll,

Thank you for your timely response and cooperation. The extension to respond will be granted!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>

Sent: Wednesday, January 15, 2025 1:55 PM

To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Afternoon Ms. Mendez,

Thank you for the opportunity to respond to your questions.

While I have most of the information requesting, I was wondering if I could have until 1/22/2025 to finalize the answers for you? I haven't been at the site very long, so I'm not as versed with some of older permit content and the time would be used in order to accurately answer all of your questions to the fullest extent.

Best regards,

Charles

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 8, 2025 11:12 AM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: [External] Technical Review & Working Draft Permit -- FOP 01533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

WARNING: This message has originated from an External Source. This may be a phishing email that can result in unauthorized access to Honeywell systems. Please use proper judgment and caution when opening attachments, clicking links, scanning QR codes, or responding.

Mr. Carroll,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. 01533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This application has been assigned Project No. 37180. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Moreover, I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by January 15, 2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition to the working draft permit, the following deficiencies were found during my review of the renewal application. **Please respond to the following by January 15, 2025.**

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024.
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023.
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6.

- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Samantha Mendez

Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at
www.tceq.texas.gov/customersurvey

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 22, 2025 6:07 PM
To: Samantha Mendez
Cc: Rhyann Stone; O'Quinn-Thomas, Angela
Subject: \]RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant
Attachments: FormsUpdate_Project 37180_Permit_O1533.pdf; Markup-Draft Permit_Project 37180_Permit_O1533.pdf

Follow Up Flag: Follow up
Flag Status: Completed

Good Evening Ms. Mendez,

Thank you again for your help and consideration on this renewal.

Honeywell International Inc. is pleased to provide the following additional information in support of our pending renewal/minor revision of Title V Permit No. O-1533/Project 37180. We have repeated your questions below, followed by our response in red. Requested form documentation is attached. In support of and in addition to the responses to your comments, please also see the attached redline/strikeout mark up to the draft permit you provided. The marked changes to the draft permit are summarized at the end of this email response:

RESPONSE TO TCEQ QUESTIONS

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024. **Response: We agree that the most recent issuance date for NSR Permit 1727 is 09/04/2024. Page 87 of form OP-REQ1 has been updated and is attached.**
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023. **Response: We agree that the issuance date for NSR Standard Permit 168616 needs to be updated. However, an extension to start of construction was granted on 10/24/2023, in response to a request that was submitted by Honeywell on 10/15/2023. Therefore, Page 87 of form OP-REQ1 has been updated to reference the 10/24/2023 grant date for this standard permit. This date is consistent with the Complete Date shown on the TCEQ Status of Air Permits and Permit Applications webpage.**
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.

- PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active? **Response: PBR 106.262 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1 and this page is included with this submittal. Form PBRSUP does not need to be updated.**
 - If so, please submit a new PBRSUP.
- PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active? **Response: PBR 106.393 is not currently an authorization needed by the site. The PBR has been omitted from Page 88 of form OP-REQ1. Form PBRSUP does not need to be updated.**
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16. **Response: We have determined that the solvent in the Degreaser PRPPSOLV is heated but the temperature does not exceed the applicability threshold of 120 F. Therefore, a NO response is correct as you noted. A new OP-UA16 is included with this submittal.**
 - **In addition, please note that we identified three other degreasers/parts washers listed in the current permit have been removed from the plant and therefore, we have struck out references to DEGR1, DEGR2, and DEGR3 from the draft Title V permit. The replacement parts washers use a water-based cleaning solution and they qualify as de minimis sources and therefore TCEQ NSR authorization is not required and parts washers have no potentially applicable regulatory requirements.**
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6. **Response: Please disregard any OP-UA6, Table 1 entries that have been historically submitted for boilers EP-26 and EP-27. The boilers are small and have a heat input capacity far less than the 250 lb/MMBtu threshold that would potentially trigger NSPS D applicability. The applicability has already been determined to be negative applicability for NSPS D based on heat input capacity as already represented in the Permit Shield section of the Title V permit. Honeywell is not proposing any different applicability determinations for boilers EP-26 and EP-27 and does not believe a**

unit attribute form is needed to confirm this established negative applicability determination.

-
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
• Response: With this response, Honeywell confirms that the Orange Plant meets the description of “PETCHEM” as provided in the UA12 instructions as follows: “The site contains a petroleum refinery, a synthetic organic chemical, polymer, resin, or methyl-tert-butyl ether manufacturing process as defined in 30 TAC § 115.10” As previously represented, the site has more than 250 fugitive components and the site is subject to 30 TAC Chapter 115 requirements for fugitive components.
-
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well. Response: Correct. The code for the new OP-REQ1 question XI.J.5 should be “NO”. The site is not located in the Houston, Galveston, Brazoria nonattainment area.

SUMMARY OF REDLINE/STRIKEOUT OF DRAFT TITLE V PERMIT

Page 12	Change the following IDs: FEP-10 should be F-EP-10 and FEP-9 should be F-EP-9.
Page 19-23	Change the following ID: FEP-10 should be F-EP-10
Page 23-24	Change the following ID: FEP-9 should be F-EP-9
Page 41	Omit the following parts washers: DEGR1, DEGR2, DEGR3
Page 43	Change the following ID: FEP-9 should be F-EP-9
Page 44	Fix typo in negative reason for PRPP-HTR
Page 55	Update issuance date for NSR Permit 168616
Page 55	Omit the following listed PBRs: 106.262 and 106.393
Page 56	Add emission unit ID BLOWDOWNS
Page 56 173794	Change emission unit ID from FEP-9 to F-EP-9 and add Standard Permit
Page 56 173794	Change emission unit ID from FEP-10 to F-EP-10 and add Standard Permit
Page 56	Omit references to PBR 106.262 for EP-12, F-EP-10, F-EP-9

Page 56 Add Standard Permit 173794 for EP-10, F-EP-10, F-EP-9
Page 56 Omit the following parts washers: DEGR1, DEGR2, DEGR3

Very Respectfully,

Charles Carroll

Honeywell Advanced Materials | Environmental Engineer

3927 FM 1006 | Orange, Texas 77630

409-221-4065

charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 15, 2025 3:22 PM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

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Good afternoon Mr. Carroll,

Thank you for your timely response and cooperation. The extension to respond will be granted!

Sincerely,

Samantha Mendez

Environmental Permit Specialist

Air Permits Division, Office of Air

(512) 239-6206 | Samantha.mendez@tceq.texas.gov



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From: Carroll, Charles <charles.carroll2@honeywell.com>

Sent: Wednesday, January 15, 2025 1:55 PM

To: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Good Afternoon Ms. Mendez,

Thank you for the opportunity to respond to your questions.

While I have most of the information requesting, I was wondering if I could have until 1/22/2025 to finalize the answers for you? I haven't been at the site very long, so I'm not as versed with some of older permit content and the time would be used in order to accurately answer all of your questions to the fullest extent.

Best regards,

Charles

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>

Sent: Wednesday, January 8, 2025 11:12 AM

To: Carroll, Charles <charles.carroll2@honeywell.com>

Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>

Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

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WARNING: This message has originated from an External Source. This may be a phishing email that can result in unauthorized access to Honeywell systems. Please use proper judgment and caution when opening attachments, clicking links, scanning QR codes, or responding.

Mr. Carroll,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This application has been assigned Project No. 37180. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
 - b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
 - c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
 - d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.
- If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Moreover, I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by January 15, 2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition to the working draft permit, the following deficiencies were found during my review of the renewal application. **Please respond to the following by January 15, 2025.**

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024.
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023.
 - Please submit an updated page 87 for form OP-REQ1.
- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.

- PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6.
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6

at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



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Solvent Degreasing Machine Attributes
Form OP-UA16 (Page 1) Federal Operating Permit Program
Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Solvent Using Processes
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
01/22/2025	O1533	RN100217405

Unit ID No.	SOP/GOP Index No.	Solvent Degreasing Machine Type	Alternate Control Requirement (ACR)	Alternate Control Requirement ID No.	Solvent Sprayed	Solvent Vapor Pressure	Solvent Heated	Parts Larger Than Drainage	Drainage Area	Disposal in Enclosed Containers	Solvent/Air Interface Area	Emission Control Combinations
PRPPSOLV		COLD	NO		NO	0.6-	NO	YES	16+	YES		

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/24/2024 01/22/2025
Permit No.:	O1533
RN No:	100217405

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 87			
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html .			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html .			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 1727	Issuance Date: 06/16/2014 09/24/2024	Authorization No.: 169894	Issuance Date: 08/15/2022
Authorization No.: 1736	Issuance Date: 08/23/2024	Authorization No.: 173794	Issuance Date: 09/20/2023
Authorization No.: 1829	Issuance Date: 04/27/2021	Authorization No.: 168616	Issuance Date: 04/28/2022 10/24/2023

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/24/2024 01/22/2025
Permit No.:	O1533
RN No:	100217405

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.451	Version No./Date: 09/04/2000
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.492	Version No./Date: 09/04/2000
PBR No.: 106.511	Version No./Date: 09/04/2000
PBR No.: 106.454	Version No./Date: 11/01/2001
PBR No.: 106.495	Version No./Date: 09/04/2000
PBR No.: 106.266	Version No./Date: 09/04/2000
PBR No.: 106.124	Version No./Date: 09/04/2000
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.183	Version No./Date: 09/04/2000
PBR No.: 106.393	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Honeywell International Inc.

AUTHORIZING THE OPERATION OF
Orange Plant
Polyethylene Wax Unit
Plastics Material and Resin Manufacturing

LOCATED AT
Orange County, Texas
Latitude 30° 2' 53" Longitude 94° 7' 0"
Regulated Entity Number: RN100217405

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1533 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
4. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with the following requirements:
 - A. Title 30 TAC § 115.145 (relating to Approved Test Methods)
 - B. Title 30 TAC § 115.146 (relating to Recordkeeping Requirements)

- C. Title 30 TAC § 115.147(1) (relating to Exemptions)
- D. Title 30 TAC § 115.148 (relating to Determination of Wastewater Characteristics)
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
- 7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

- 8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated August 28, 2024 in the application for project 37180), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
10. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
11. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
13. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116

- B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
14. Use of Discrete Emission Credits to comply with the applicable requirements:
- A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 15. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68.

The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

16. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Permit Location

17. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

18. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

Unit Summary 12

Applicable Requirements Summary 18

Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP-10	FLARES	N/A	111-10	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-10COMBVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-EP10VENT	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-12	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-26	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-27	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-35	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-35	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-36	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-36	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-OXIB4VC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-COMB T-OX	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-10 F-EP-10	FUGITIVE EMISSION UNITS	N/A	115D-10	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
EP-10 F-EP-10	FUGITIVE EMISSION UNITS	N/A	60DDD-10	40 CFR Part 60, Subpart DDD	No changing attributes.
EP-9 F-EP-9	FUGITIVE EMISSION UNITS	N/A	115D-9	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
HP PILOT PLT	CHEMICAL MANUFACTURING PROCESS	N/A	115-HPPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
LAB HOODS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-LABHOODS	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
M-102	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-109	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-4	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OIL-DRUM A	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
OIL-DRUM B	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
P-401A	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
P-401A	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-415	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-515	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PROFINOXI	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-VC	40 CFR Part 60, Subpart DDD	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PROFINPRL-22	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-23	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-24	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINU21-ATMZ	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX-1.76	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX3	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-Rx3	40 CFR Part 60, Subpart DDD	No changing attributes.
PRPP	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPP-1	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPPAST	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPPPAST	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPSOLV	SOLVENT DEGREASING MACHINES	N/A	R5411-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
RENTALBOIL	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.
TEMP BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-01	40 CFR Part 60, Subpart Dc	No changing attributes.
U-107	STORAGE TANKS/VESSELS	N/A	115B-107	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-13	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-14A	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14B	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					Description = Tank using a submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14C	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-2	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-20A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-3	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-31	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-32	STORAGE	N/A	115B-13	30 TAC Chapter 115,	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	TANKS/VESSELS			Storage of VOCs	
U-33	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-515	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-515	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-5A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-MIXER	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP-10	EU	111-10	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-10COMBVENT	EP	115-EP10VENT	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
EP-12	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-26	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-27	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.127(a)(2)	organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.		§ 115.126(4)	
EP-35	EP	115B-35	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-36	EP	115B-36	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-OXIB4VC	EP	115-COMB T-OX	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	None
FEP-10 F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A)	No flanges or other connectors contacting a fluid with TVP greater than 0.044 psia (gas/vapor or	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
FEP-10 F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
FEP-10 F-EP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.			
FEP-10 F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
FEP-10 F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)		[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(e) § 60.562-2(e) § 60.565(l)
FEP-10 F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
FEP-10 F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.562-2(d) § 60.562-2(e)				
FEP-10 F-EP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
FEP-9 F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
FEP-9 F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.352(1)(A) § 115.352(1)	No flanges or other connectors contacting a	§ 115.354(1) § 115.354(10)	§ 115.352(7) § 115.354(10)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
FEP-9 F-EP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
HP PILOT PLT	PRO	115-HPPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
LAB HOODS	EP	115-LABHOODS	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
M-102	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
M-109	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
M-4	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OIL-DRUM A	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
OIL-DRUM B	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
P-401A	EU	60IIII-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit	None	None	[G]§ 60.4214(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of 4.0 g/KW-hr, as listed in Table 4 to this subpart.			
P-401A	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
P-401A	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
P-415	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	comply with the requirements as specified in Table 2d.4.a-c.	6.9.a.ii	§ 63.6660(c)	
P-515	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PROFINOXI	PRO	60DDD-VC	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.562-1(a)(1)(i) § 60.562-1(a)(1)(i)(A) § 60.562-1(a)(1)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs (a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(1)(i) § 60.563(c) § 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(b) [G]§ 60.564(c) [G]§ 60.564(d)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(1) [G]§ 60.565(b)(2) § 60.565(c) § 60.565(c)(1) § 60.565(c)(2) § 60.565(c)(2)(i) [G]§ 60.565(g) § 60.565(j)	§ 60.565(a) [G]§ 60.565(a)(1) § 60.565(b)(1) § 60.565(i) § 60.565(j) § 60.565(k) § 60.565(k)(1) § 60.565(k)(2) § 60.565(l)
PROFINPRL-22	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§ 60.562-1 does not apply to any polypropylene or polyethylene affected facility	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.			§ 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-23	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-24	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINU21-ATMZ	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X-1.76	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X3	PRO	60DDD-Rx3	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.18 § 60.562-1(a)(1)(i) § 60.562-	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(2)(i) § 60.563(c)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(3)	§ 60.565(a) [G]§ 60.565(a)(3) § 60.565(b)(1) § 60.565(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					1(a)(1)(i)(C) § 60.562-1(a)(1)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	(a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	§ 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(d) [G]§ 60.564(e) [G]§ 60.564(f) [G]§ 60.564(g)	[G]§ 60.565(b)(2) [G]§ 60.565(e) [G]§ 60.565(g) § 60.565(j)	§ 60.565(j) § 60.565(k) § 60.565(k)(2) § 60.565(k)(4) § 60.565(l)
PRPP	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPP-1	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPPAST	PRO	115-PRPPAST	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
PRPPSOLV	EU	R5411-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	None	None
RENTALBOIL	EU	60Db-01	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	§ 60.46b(g)	[G]§ 60.49b(d) § 60.49b(o) [G]§ 60.49b(p)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(2) § 60.49b(a)(3) § 60.49b(q) § 60.49b(q)(1) § 60.49b(q)(3) § 60.49b(w)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	Units firing only very low sulfur oil and/or a mixture of gaseous fuels with a potential SO ₂ emission rate	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).			
TEMP BLR	EU	60Dc-01	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
TEMP BLR	EU	60Dc-01	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
TEMP BLR	EU	60Dc-01	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
U-107	EU	115B-107	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-13	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
U-14A	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1.5 psia is exempt from the requirements of this division.			
U-14B	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-2	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
U-20A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-3	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-31	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-32	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-33	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Table II(a).			
U-515	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-5A	EP	115-MIXER	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
U-5B	EU	115B-5B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-5B	EU	115B-5B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-8A	EU	115B-8A1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8B	EU	115B-8B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8B	EU	115B-8B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Additional Monitoring Requirements

Periodic Monitoring Summary 39

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PRPPSOLV	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5411-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.	

Permit Shield

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
CTWR-2	N/A	40 CFR Part 63, Subpart Q	Industrial process cooling tower unit does not use chromium-based water treatment chemicals and is not located in a major source of HAPs.
DEGR1	N/A	30 TAC Chapter 115, Degreasing Processes	Remote cold solvent cleaner uses solvent with a TVP less than 0.6 psia at 100 degrees F with drain less than 16 square inches. Waste solvent is disposed of in enclosed containers.
DEGR2	N/A	30 TAC Chapter 115, Degreasing Processes	Remote cold solvent cleaner uses solvent with a TVP less than 0.6 psia at 100 degrees F with drain less than 16 square inches. Waste solvent is disposed of in enclosed containers.
DEGR3	N/A	30 TAC Chapter 115, Degreasing Processes	Remote cold solvent cleaner uses solvent with a TVP less than 0.6 psia at 100 degrees F with drain less than 16 square inches. Waste solvent is disposed of in enclosed containers.
EP-10	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-10	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63.
EP-11	N/A	30 TAC Chapter 111, Visible Emissions	Flare is used for emergency use only.
EP-11	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-11	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP-12	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-12	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-26	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is a natural gas.
EP-26	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-26	N/A	40 CFR Part 60, Subpart D	Boiler has a heat input capacity < 250 MMBtu/hr.
EP-26	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-27	N/A	30 TAC Chapter 112, Sulfur Compounds	Fuel used is natural gas.
EP-27	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-27	N/A	40 CFR Part 60, Subpart D	Boiler has a heat capacity < 250 MMBtu/hr.
EP-27	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP-27	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-32A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
EP-32A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
EP-32A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
EP-35	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
EP-36	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
EP-9 F-EP-9	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
FLRDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 63, Subpart OO	Unit is a storage tank that is not subject to any subparts of 40 CFR 60, 61, or 63 that references

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			40 CFR Part 63, Subpart OO for control of air emissions.
HP PILOT PLT	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
M-4	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
M-4	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
PROPOLYRX1A	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PROPOLYRX1B	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PROPRODSTOR	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRORMPREP	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRPP	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-1	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-HTR	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is natural gas.
PRPP-HTR	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
PRPPDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
PRPPPAST	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
RENTALBOIL	N/A	30 TAC Chapter 115, Vent Gas Controls	Boiler only burns natural gas and is not being used as a control device.
RENTALBOIL	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
RENTALBOIL	N/A	40 CFR Part 63, Subpart JJJJJJ	Emission Unit is a gas fired boiler as defined in 40 CFR 63.11237.
T-906	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
T-960	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
U-107	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-107	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-114	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-114	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-114	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-13	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-13	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic

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Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			meters.
U-2	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-20A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-20A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-21	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-21	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-21	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			cubic meters.
U-22B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22D	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22E	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22F	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			gallons.
U-22F	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22F	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-3	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-3	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-31	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-31	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-32	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-32	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-33	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-33	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-422A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422C	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422D	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			60, 61 or 63 that references this subpart for control of air emissions.
U-422E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422E	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-515	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-515	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-55	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-55	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-55	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-5B	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-5B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject any subparts of 40 CFR 60,

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			61 or 63 that references this subpart for control of air emissions
U-6A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-6A	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-6A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-6B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-6B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-6B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions

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The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-910	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-910	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-910	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

New Source Review Authorization References

New Source Review Authorization References	55
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New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1727	Issuance Date: 09/24/2024
Authorization No.: 1736	Issuance Date: 08/23/2024
Authorization No.: 1829	Issuance Date: 04/27/2021
Authorization No.: 168616	Issuance Date: 10/15/2023 10/24/2023
Authorization No.: 169894	Issuance Date: 08/15/2022
Authorization No.: 173794	Issuance Date: 09/20/2023
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.393	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.495	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
BLOWDOWNS	COLUMN, FILTER, PUMP, COMPRESSOR, TANK and SCRUBBER BLOWDOWNS	173794
CTWR-2	COOLING TOWER	1829
DEGR1	MAINT REMOTE COLD SOLVENT DEGREASER	106.454/11/01/2001
DEGR2	MAINT REMOTE COLD SOLVENT DEGREASER	106.454/11/01/2001
DEGR3	PRPP REMOTE COLD SOLVENT DEGREASER	106.454/11/01/2001
EP-10	M-1 FLARE	1829, 173794
EP-10COMBVENT	COMBINE VENT	1829
EP-11	M-2 FLARE	1829
EP-12	M-3 FLARE	1829, 106.261/11/01/2003, 106.262/11/01/2003 , 106.263/11/01/2001
EP-26	BOILER #30	1727, 1829, 168616
EP-27	BOILER #31	1736, 1829, 168616
EP-32A	UNLEADED GASOLINE -GASOLINE STORAGE TANK	106.472/09/04/2000
EP-35	BINARY DISTILLATION T-563 AND U-564 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-36	BINARY DISTILLATION T-363 AND U-364 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-OXIB4VC	OXIDIZER	1829
FEP-10 F-EP-10	PROCESS FUGITIVE - 115 & DDD	1829, 173794, 106.261/11/01/2003, 106.262/11/01/2003
FEP-9 F-EP-9	PROCESS FUGITIVE - 115	1829, 173794, 106.124/09/04/2000 [138665], 106.261/11/01/2003, 106.262/11/01/2003
FLRDRUM	LOADING OF FLARE KNOCKOUT DRUM	1829, 106.261/11/01/2003 [167923]

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
HP PILOT PLT	HIGH PRESSURE PILOT PLANT AND FLARE	106.124/09/04/2000, 106.263/11/01/2001, 106.492/09/04/2000
LAB HOODS	LAB HOODS ASSOCIATED WITH HP PILOT PLANT	106.124/09/04/2000 [138665], 106.263/11/01/2001
M-102	EMERGENCY GENERATOR (EAST)	106.511/09/04/2000
M-109	EMERGENCY GENERATOR (WEST)	106.511/09/04/2000
M-4	PILOT PLANT FLARE	106.124/09/04/2000 [138665], 106.263/11/01/2001, 106.492/09/04/2000 [138665]
OIL-DRUM A	OIL DRUMMING A	1829
OIL-DRUM B	OIL DRUMMING B	1829
P-401A	FIRE WATER PUMP	106.511/09/04/2000 [159776]
P-415	FIRE WATER PUMP	106.511/09/04/2000
P-515	FIRE WATER PUMP	106.511/09/04/2000
PROFINOXI	PRODUCT FINISHING SECTION & VC CONTROL	1829
PROFINPRL-22	PRODUCT FINISHING SECTION - PRILLER EP-22	1829
PROFINPRL-23	PRODUCT FINISHING SECTION - PRILLER EP-23	1829
PROFINPRL-24	PRODUCT FINISHING SECTION - PRILLER EP-24	1829
PROFINU21-ATMZ	ATOMIZER	1829
PROPOLYRX-1.76	POLYMERIZATION SECTION	1829
PROPOLYRX1A	POLYMERIZATION SECTION: REACTOR 1A	1829
PROPOLYRX1B	POLYMERIZATION SECTION: REACTOR 1B	1829
PROPOLYRX3	POLYMERIZATION SECTION: REACTOR 3	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PROPRODSTOR	PRODUCT STORAGE SECTION	1829
PRORMPREP	RAW MATERIAL PREPARATION SECTION	1829
PRPP	PILOT PLANT	1829
PRPP-1	NEW PILOT PLANT	1829
PRPP-HTR	PILOT PLANT PROCESS HEATER	106.183/09/04/2000
PRPPDRUM	PRPP DRUMMING	1829
PRPPAST	PRPP PASTILLATOR	1829
PRPPSOLV	PRPP DEGREASER	106.454/11/01/2001
RENTALBOIL	75 KPPH TRAILER MOUNTED BOILER	1829, 169894
T-906	CAUSTIC SCRUBBER	1829
T-960	CAUSTIC SCRUBBER	1829
TEMP BLR	350 HP ULTRA LOW NOX TRAILER MOUNTED BOILER	106.183/09/04/2000 [152717]
U-107	SOLVENT TANK	1829
U-114	SOLVENT TANK	1829
U-13	RECYCLED IPA STORAGE TANK	1829
U-14A	RECYCLED IPA/VA TANK	1829
U-14B	RECYCLED IPA/VA TANK	1829
U-14C	RECYCLED IPA/VA TANK	1829
U-19A	CATALYST PUMP MIX CHAMBER	1829
U-19B	CATALYST PUMP MIX CHAMBER	1829

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-19C	CATALYST PUMP MIX CHAMBER	1829
U-19D	CATALYST PUMP MIX CHAMBER	1829
U-19E	CATALYST PUMP MIX CHAMBER	1829
U-19F	CATALYST PUMP MIX CHAMBER	1829
U-2	IPA STORAGE TANK	1829
U-201	IPA RECOVERY POT	1829
U-20A	CATALYST PREP TANK	1829
U-21	ATOMIZER WAX FEED TANK	1829
U-22A	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22B	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22C	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22D	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22E	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22F	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-3	RECYCLED IPA STORAGE TANK	1829
U-31	AA/IPA STORAGE TANK	1829
U-32	ACRYLIC ACID/ISOPROPYL ALCOHOL STORAGE TANK	1829
U-33	VINYL ACETATE TANK	1829
U-422A	DIESEL STORAGE TANK	106.472/09/04/2000
U-422B	DIESEL STORAGE TANK	106.472/09/04/2000

New Source Review Authorization References by Emissions Unit

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Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-422C	DIESEL STORAGE TANK	106.472/09/04/2000
U-422D	DIESEL STORAGE TANK	106.472/09/04/2000
U-422E	DIESEL STORAGE TANK	106.472/09/04/2000
U-515	INITIATOR MIXING TANK	1829
U-55	GC TANK	1829
U-5A	INITIATOR MIXING TANK PROCESS VENT	1829
U-5B	INITIATOR MIXING TANK	1829
U-6A	INITIATOR MIXING TANK	1829
U-6B	INITIATOR MIXING TANK	1829
U-8A	REACTOR FEED TANK	1829
U-8B	REACTOR FEED TANK	1829
U-910	FEED TANK	1829
U-914	CATALYST TANK	1829
U-967	CATALYST TANK	1829

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Appendix A

Acronym List 62

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

From: Carroll, Charles <charles.carroll2@honeywell.com>
Sent: Wednesday, January 15, 2025 3:26 PM
To: Samantha Mendez
Cc: Rhyan Stone
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Thank you very much. Hope y'all stay safe during the upcoming freeze event in the first part of next week.

Very Respectfully,

Charles Carroll
Honeywell Advanced Materials | Environmental Engineer
3927 FM 1006 | Orange, Texas 77630
409-221-4065
charles.carroll2@honeywell.com

From: Samantha Mendez <Samantha.Mendez@tceq.texas.gov>
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Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

You don't often get email from samantha.mendez@tceq.texas.gov. [Learn why this is important](#)

Good afternoon Mr. Carroll,

Thank you for your timely response and cooperation. The extension to respond will be granted!

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



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Best regards,

Charles

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409-221-4065
charles.carroll2@honeywell.com

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Cc: Rhyan Stone <Rhyan.Stone@tceq.texas.gov>
Subject: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

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Mr. Carroll,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This application has been assigned Project No. 37180. Please address all correspondence

pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Moreover, I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by January 15, 2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition to the working draft permit, the following deficiencies were found during my review of the renewal application. **Please respond to the following by January 15, 2025.**

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024.
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023.
 - Please submit an updated page 87 for form OP-REQ1.

- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6.
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
 - I would like to certify with you that the answer to this question should be “PETCHEM”. Please let me know if this is indeed correct.
- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well.

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Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

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Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



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Sent: Wednesday, January 15, 2025 3:22 PM
To: Carroll, Charles
Cc: Rhyan Stone
Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

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3927 FM 1006 | Orange, Texas 77630

409-221-4065

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Subject: RE: [External] Technical Review & Working Draft Permit -- FOP O1533/Project 37180, Honeywell International Inc/Orange Plant

Follow Up Flag: Follow up
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Mr. Carroll,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This

application has been assigned Project No. 37180. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

In addition, I wanted to let you know that EPA has, on occasion, objected to Title V permits based on the following:

- a. NSR permit and PBR monitoring sufficiency –please refer to our periodic monitoring guidance for reference of monitoring that EPA has, so far, considered sufficient.
- b. Reference to confidential business information (CBI) in NSR permits and PBR submittals.
- c. High level terms in the SOP Applicable Requirement Summary Table. The high level terms are sometimes used in SOPs when unit attribute forms have not yet been updated due to regulatory amendments.
- d. Accuracy of PBR information provided on the supplemental table and in the permit – please refer to Forms OP-PBRSUP and OP-REQ1 Instructions.

If you have any questions or concerns on any of these items or think you need to do any additional updates, let me know and we can discuss further.

Please review the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_facsheet.pdf. This guidance contains important information regarding the review process and application update procedures. Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Moreover, I have conducted a technical review of this application, and I have attached an electronic copy of the Working Draft Permit (WDP) for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application, and any updates provided.

Please review the WDP and submit to me any comments you have regarding it by January 15, 2025. Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP. Note that any application updates necessary to make requested changes must accompany the WDP comments.

In addition to the working draft permit, the following deficiencies were found during my review of the renewal application. **Please respond to the following by January 15, 2025.**

- On form OP-REQ1, page 87 contains NSR Authorizations with issuance dates that are not up to date for authorization numbers 1727 and 168616.
 - NSR Authorization number 1727 should have an issuance date of 09/24/2024.
 - NSR Authorization number 168616 should have an issuance date of 10/15/2023.
 - Please submit an updated page 87 for form OP-REQ1.

- Moreover, on form OP-REQ1, page 88 contains NSR Authorizations that are not listed on the Permit by Rule Supplemental Tables (PBRSUP) A, B, or C.
 - PBR No. 106.262 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
 - PBR No. 106.393 on form OP-REQ1, page 88, is not listed on the PBRSUP. Is this permit still active?
 - If so, please submit a new PBRSUP.
- A change is required for unit PRPPSOLV, index number R5411-1, on page (1-7) of OP-UA16.
 - The seventh question on page 1, regarding if the solvent is heated for the degreasing process, is currently listed as “Yes”.
 - Please change this to “No” for consistency and submit an updated page 1 for form OP-UA16.
- Additionally, an update is required on page (1-3) on OP-UA6.
 - The answer to the third question on page 1 should be changed to “No” for units EP-26 and EP-27, index number 60D-26 and 60D-27 respectively.
 - Please submit an updated page 1 for form OP-UA6.
- On form OP-UA12, page (11-2) requires clarification for Title 30 TAC 115.352 applicability for Pet. Refinery and Petrochemicals.
 - Units FEP-9 and FEP-10, index number 115D-9, obtain a unit attribute detail of “Yes” for question two on page 11.
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- I noted that OP-REQ1 page 83 is not up to date with the latest version 9/2024.
 - There is a new question for XI.J.5 that is different from the 11/2020 version which was submitted.
 - I want to confirm that the answer you submitted on this page for XI.J.5 is “NO” on the current version as well.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified submittals, including application updates supporting the WDP comments is required to be submitted with the WDP response. After final review of the WDP, additional changes, supported by application updates, may require certification. I will advise you of these changes at a later date. Prior to transmittal of the Public Notice/Announcement Authorization Package, a duly signed OP-CRO1 form may be required which includes the specific dates or time-period of all submitted application documentation that were not previously certified. I will advise you of this requirement prior to sending the Public Notice/Announcement Authorization.

Application updates may now be submitted through Title V STEERS. Any application updates that are submitted by the RO/DAR through STEERS are certified and do not require

the submittal of an original signature OP-CRO1. Application updates that are provided through email or physical mail require certification using an original signature OP-CRO1.

Please notify me when these updates have been submitted.

As required on Form OP-1, question IV.D, please remember the FOP application and all application updates must be submitted to EPA Region 6 at R6AirPermitsTX@epa.gov and to the TCEQ regional office having jurisdiction. This submittal information can be found on our website at [Where to Submit FOP Applications and Permit-Related Documents](#).

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit.

Thank you for your cooperation.

Sincerely,

Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Samantha Mendez
Sent: Wednesday, January 8, 2025 11:12 AM
To: charles.carroll2@honeywell.com
Cc: Rhyan Stone
Subject: Technical Review & Working Draft Permit -- FOP 01533/Project 37180, Honeywell International Inc/Orange Plant
Attachments: Draft Permit_Project 37180_Permit_01533.docx

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I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. 01533 for Honeywell International Inc, Orange Plant, Polyethylene Wax Unit. This application has been assigned Project No. 37180. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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Samantha Mendez
Environmental Permit Specialist
Air Permits Division, Office of Air
(512) 239-6206 | Samantha.mendez@tceq.texas.gov



How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Honeywell International Inc.

AUTHORIZING THE OPERATION OF
Orange Plant
Polyethylene Wax Unit
Plastics Material and Resin Manufacturing

LOCATED AT
Orange County, Texas
Latitude 30° 2' 53" Longitude 94° 7' 0"
Regulated Entity Number: RN100217405

This permit is issued in accordance with and subject to the Texas Clean Air Act (TCAA), Chapter 382 of the Texas Health and Safety Code and Title 30 Texas Administrative Code Chapter 122 (30 TAC Chapter 122), Federal Operating Permits. Under 30 TAC Chapter 122, this permit constitutes the permit holder's authority to operate the site and emission units listed in this permit. Operations of the site and emission units listed in this permit are subject to all additional rules or amended rules and orders of the Commission pursuant to the TCAA.

This permit does not relieve the permit holder from the responsibility of obtaining New Source Review authorization for new, modified, or existing facilities in accordance with 30 TAC Chapter 116, Control of Air Pollution by Permits for New Construction or Modification.

The site and emission units authorized by this permit shall be operated in accordance with 30 TAC Chapter 122, the general terms and conditions, special terms and conditions, and attachments contained herein.

This permit shall expire five years from the date of issuance. The renewal requirements specified in 30 TAC § 122.241 must be satisfied in order to renew the authorization to operate the site and emission units.

Permit No: O1533 Issuance Date: _____

For the Commission

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General Terms and Conditions

The permit holder shall comply with all terms and conditions contained in 30 TAC § 122.143 (General Terms and Conditions), 30 TAC § 122.144 (Recordkeeping Terms and Conditions), 30 TAC § 122.145 (Reporting Terms and Conditions), and 30 TAC § 122.146 (Compliance Certification Terms and Conditions).

In accordance with 30 TAC § 122.144(1), records of required monitoring data and support information required by this permit, or any applicable requirement codified in this permit, are required to be maintained for a period of five years from the date of the monitoring report, sample, or application unless a longer data retention period is specified in an applicable requirement. The five year record retention period supersedes any less stringent retention requirement that may be specified in a condition of a permit identified in the New Source Review Authorization attachment.

If the permit holder chooses to demonstrate that this permit is no longer required, a written request to void this permit shall be submitted to the Texas Commission on Environmental Quality (TCEQ) by the Responsible Official in accordance with 30 TAC § 122.161(e). The permit holder shall comply with the permit's requirements, including compliance certification and deviation reporting, until notified by the TCEQ that this permit is voided.

The permit holder shall comply with 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit.

All reports required by this permit must include in the submittal a cover letter which identifies the following information: company name, TCEQ regulated entity number, air account number (if assigned), site name, area name (if applicable), and Air Permits Division permit number(s).

Special Terms and Conditions:

Emission Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.

- E. Emission units subject to 40 CFR Part 63, Subpart ZZZZ as identified in the attached Applicable Requirements Summary table are subject to 30 TAC Chapter 113, Subchapter C, § 113.1090 which incorporates the 40 CFR Part 63 Subpart by reference.
2. The permit holder shall comply with the following sections of 30 TAC Chapter 101 (General Air Quality Rules):
- A. Title 30 TAC § 101.1 (relating to Definitions), insofar as the terms defined in this section are used to define the terms used in other applicable requirements
 - B. Title 30 TAC § 101.3 (relating to Circumvention)
 - C. Title 30 TAC § 101.8 (relating to Sampling), if such action has been requested by the TCEQ
 - D. Title 30 TAC § 101.9 (relating to Sampling Ports), if such action has been requested by the TCEQ
 - E. Title 30 TAC § 101.10 (relating to Emissions Inventory Requirements)
 - F. Title 30 TAC § 101.201 (relating to Emission Event Reporting and Recordkeeping Requirements)
 - G. Title 30 TAC § 101.211 (relating to Scheduled Maintenance, Start-up, and Shutdown Reporting and Recordkeeping Requirements)
 - H. Title 30 TAC § 101.221 (relating to Operational Requirements)
 - I. Title 30 TAC § 101.222 (relating to Demonstrations)
 - J. Title 30 TAC § 101.223 (relating to Actions to Reduce Excessive Emissions)
3. Permit holder shall comply with the following requirements of 30 TAC Chapter 111:
- A. Visible emissions from stationary vents with a flow rate of less than 100,000 actual cubic feet per minute that are not listed in the Applicable Requirements Summary attachment for 30 TAC Chapter 111, Subchapter A, Division 1, shall not exceed 20% opacity averaged over a six minute period. The permit holder shall comply with the following requirements for stationary vents at the site subject to this standard:
 - (i) Title 30 TAC § 111.111(a)(1)(B) (relating to Requirements for Specified Sources)
 - (ii) Title 30 TAC § 111.111(a)(1)(E)
 - (iii) Title 30 TAC § 111.111(a)(1)(F)(i), (ii), (iii), or (iv)
 - (iv) For emission units with vent emissions subject to 30 TAC § 111.111(a)(1)(B), complying with 30 TAC § 111.111(a)(1)(F)(ii), (iii), or (iv), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146. These periodic monitoring requirements do not apply to vents that are not capable of producing visible emissions such as vents that emit only colorless VOCs; vents from non-fuming liquids; vents that provide passive ventilation, such as plumbing vents; or vent emissions from any other source that

does not obstruct the transmission of light. Vents, as specified in the “Applicable Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

- (1) An observation of stationary vents from emission units in operation shall be conducted at least once during each calendar quarter unless the emission unit is not operating for the entire quarter.
- (2) For stationary vents from a combustion source, if an alternative to the normally fired fuel is fired for a period greater than or equal to 24 consecutive hours, the permit holder shall conduct an observation of the stationary vent for each such period to determine if visible emissions are present. If such period is greater than 3 months, observations shall be conducted once during each quarter. Supplementing the normally fired fuel with natural gas or fuel gas to increase the net heating value to the minimum required value does not constitute creation of an alternative fuel.
- (3) Records of all observations shall be maintained.
- (4) Visible emissions observations of emission units operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of emission units operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions observations shall be made during times when the activities described in 30 TAC § 111.111(a)(1)(E) are not taking place. Visible emissions shall be determined with each stationary vent in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each stationary vent during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
- (5) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(1) and (a)(1)(B).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(1)(F) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is

determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.

- (c) Some vents may be subject to multiple visible emission or monitoring requirements. All credible data must be considered when certifying compliance with this requirement even if the observation or monitoring was performed to demonstrate compliance with a different requirement.

B. For visible emissions from a building, enclosed facility, or other structure; the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(7)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(7)(B)(i) or (ii)
- (iii) For a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source subject to 30 TAC § 111.111(a)(7)(A), complying with 30 TAC § 111.111(a)(7)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a building containing an air emission source, enclosed facility, or other structure containing or associated with an air emission source which is required to comply with 30 TAC § 111.111(a)(7)(A) shall be conducted at least once during each calendar quarter unless the air emission source or enclosed facility is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of air emission sources or enclosed facilities operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of air emission sources or enclosed facilities operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each emissions outlet in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each emissions outlet during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.

- (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the applicable opacity requirement in 30 TAC § 111.111(a)(7) and (a)(7)(A).
 - (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(7)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- D. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- E. Outdoor burning, as stated in 30 TAC § 111.201, shall not be authorized unless the following requirements are satisfied:
 - (i) Title 30 TAC § 111.205 (relating to Exception for Fire Training)
 - (ii) Title 30 TAC § 111.221 (relating to Responsibility for Consequences of Outdoor Burning)
4. For industrial wastewater specified in 30 TAC Chapter 115, Subchapter B, the permit holder shall comply with the following requirements:
 - A. Title 30 TAC § 115.145 (relating to Approved Test Methods)
 - B. Title 30 TAC § 115.146 (relating to Recordkeeping Requirements)

- C. Title 30 TAC § 115.147(1) (relating to Exemptions)
- D. Title 30 TAC § 115.148 (relating to Determination of Wastewater Characteristics)
- 5. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 60, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 60.7 (relating to Notification and Recordkeeping)
 - B. Title 40 CFR § 60.8 (relating to Performance Tests)
 - C. Title 40 CFR § 60.11 (relating to Compliance with Standards and Maintenance Requirements)
 - D. Title 40 CFR § 60.12 (relating to Circumvention)
 - E. Title 40 CFR § 60.13 (relating to Monitoring Requirements)
 - F. Title 40 CFR § 60.14 (relating to Modification)
 - G. Title 40 CFR § 60.15 (relating to Reconstruction)
 - H. Title 40 CFR § 60.19 (relating to General Notification and Reporting Requirements)
- 6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
- 7. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.

Additional Monitoring Requirements

- 8. The permit holder shall comply with the periodic monitoring requirements as specified in the attached "Periodic Monitoring Summary" upon issuance of the permit. Except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments), the permit holder shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating. The permit holder may elect to collect monitoring data on a more frequent basis and average the data, consistent with the averaging time or minimum frequency specified in the "Periodic Monitoring Summary," for purposes of determining whether a deviation has occurred. However, the additional data points must be collected on a regular basis. In no event shall data be collected and used in particular instances to avoid reporting deviations. Deviations shall be reported according to 30 TAC § 122.145 (Reporting Terms and Conditions).

New Source Review Authorization Requirements

9. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated August 28, 2024 in the application for project 37180), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
10. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
11. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

12. The permit holder shall certify compliance in accordance with 30 TAC § 122.146. The permit holder shall comply with 30 TAC § 122.146 using at a minimum, but not limited to, the continuous or intermittent compliance method data from monitoring, recordkeeping, reporting, or testing required by the permit and any other credible evidence or information. The certification period may not exceed 12 months and the certification must be submitted within 30 days after the end of the period being certified.
13. Use of Emission Credits to comply with applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) Offsets for Title 30 TAC Chapter 116

- B. The permit holder shall comply with the following requirements in order to use the emission credits to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.306(c)-(d)
 - (ii) The emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 1
 - (iii) The executive director has approved the use of the credit according to 30 TAC § 101.306(c)-(d)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.302(g) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.305 (relating to Emission Reductions Achieved Outside the United States)
- 14. Use of Discrete Emission Credits to comply with the applicable requirements:
 - A. Unless otherwise prohibited, the permit holder may use discrete emission credits to comply with the following applicable requirements listed elsewhere in this permit:
 - (i) Title 30 TAC Chapter 115
 - (ii) Title 30 TAC Chapter 117
 - (iii) If applicable, offsets for Title 30 TAC Chapter 116
 - (iv) Temporarily exceed state NSR permit allowables
 - B. The permit holder shall comply with the following requirements in order to use the credit to comply with the applicable requirements:
 - (i) The permit holder must notify the TCEQ according to 30 TAC § 101.376(d)
 - (ii) The discrete emission credits to be used must meet all the geographic, timeliness, applicable pollutant type, and availability requirements listed in 30 TAC Chapter 101, Subchapter H, Division 4
 - (iii) The executive director has approved the use of the discrete emission credits according to 30 TAC § 101.376(d)(1)(A)
 - (iv) The permit holder keeps records of the use of credits towards compliance with the applicable requirements in accordance with 30 TAC § 101.372(h) and 30 TAC Chapter 122
 - (v) Title 30 TAC § 101.375 (relating to Emission Reductions Achieved Outside the United States)

Risk Management Plan

- 15. For processes subject to 40 CFR Part 68 and specified in 40 CFR § 68.10, the permit holder shall comply with the requirements of the Accidental Release Prevention Provisions in 40 CFR Part 68.

The permit holder shall submit to the appropriate agency either a compliance schedule for meeting the requirements of 40 CFR Part 68 by the date provided in 40 CFR § 68.10(a), or as part of the compliance certification submitted under this permit, a certification statement that the source is in compliance with all requirements of 40 CFR Part 68, including the registration and submission of a risk management plan.

Protection of Stratospheric Ozone

16. Permit holders at a site subject to Title VI of the FCAA Amendments shall meet the following requirements for protection of stratospheric ozone:
 - A. Any on site servicing, maintenance, and repair on refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants or non-exempt substitutes shall be conducted in accordance with 40 CFR Part 82, Subpart F. Permit holders shall ensure that repairs on or refrigerant removal from refrigeration and nonmotor vehicle air-conditioning appliances using ozone-depleting refrigerants are performed only by properly certified technicians using certified equipment. Records shall be maintained as required by 40 CFR Part 82, Subpart F.

Permit Location

17. The permit holder shall maintain a copy of this permit and records related to requirements listed in this permit on site.

Permit Shield (30 TAC § 122.148)

18. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Additional Monitoring Requirements

Permit Shield

New Source Review Authorization References

Applicable Requirements Summary

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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP-10	FLARES	N/A	111-10	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-10COMBVENT	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-EP10VENT	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-12	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
EP-26	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-27	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	R5127	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-35	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-35	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-36	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115B-36	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
EP-OXIB4VC	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-COMB T-OX	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
FEP-10	FUGITIVE EMISSION UNITS	N/A	115D-10	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
FEP-10	FUGITIVE EMISSION UNITS	N/A	60DDD-10	40 CFR Part 60, Subpart DDD	No changing attributes.
FEP-9	FUGITIVE EMISSION UNITS	N/A	115D-9	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	No changing attributes.
HP PILOT PLT	CHEMICAL	N/A	115-HPPP	30 TAC Chapter 115, Batch	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESS			Processes	
LAB HOODS	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-LABHOODS	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
M-102	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-109	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
M-4	FLARES	N/A	111-Flr	30 TAC Chapter 111, Visible Emissions	No changing attributes.
OIL-DRUM A	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
OIL-DRUM B	LOADING/UNLOADING OPERATIONS	N/A	115-DRUM	30 TAC Chapter 115, Loading and Unloading of VOC	No changing attributes.
P-401A	SRIC ENGINES	N/A	60IIII-01	40 CFR Part 60, Subpart IIII	No changing attributes.
P-401A	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-415	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
P-515	SRIC ENGINES	N/A	63ZZZZ-01	40 CFR Part 63, Subpart ZZZZ	No changing attributes.
PROFINOXI	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-VC	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-22	POLYMER	N/A	60DDD-1.76	40 CFR Part 60, Subpart	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	MANUFACTURING PROCESSES			DDD	
PROFINPRL-23	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINPRL-24	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROFINU21-ATMZ	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX-1.76	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-1.76	40 CFR Part 60, Subpart DDD	No changing attributes.
PROPOLYRX3	POLYMER MANUFACTURING PROCESSES	N/A	60DDD-Rx3	40 CFR Part 60, Subpart DDD	No changing attributes.
PRPP	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPP-1	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPP	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPAST	CHEMICAL MANUFACTURING PROCESS	N/A	115-PRPPAST	30 TAC Chapter 115, Batch Processes	No changing attributes.
PRPPSOLV	SOLVENT DEGREASING MACHINES	N/A	R5411-1	30 TAC Chapter 115, Degreasing Processes	No changing attributes.
RENTALBOIL	BOILERS/STEAM	N/A	60Db-01	40 CFR Part 60, Subpart Db	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
	GENERATORS/STEAM GENERATING UNITS				
TEMP BLR	BOILERS/STEAM GENERATORS/STEAM GENERATING UNITS	N/A	60Dc-01	40 CFR Part 60, Subpart Dc	No changing attributes.
U-107	STORAGE TANKS/VESSELS	N/A	115B-107	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-13	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-14A	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14B	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
					submerged fill pipe
U-14B	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-14C	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-14	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia, Tank Description = Tank using a submerged fill pipe
U-14C	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia, Tank Description = Tank using a vapor recovery system (VRS), Control Device Type = Flare
U-2	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-20A	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-3	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-31	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-32	STORAGE TANKS/VESSELS	N/A	115B-13	30 TAC Chapter 115, Storage of VOCs	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
U-33	STORAGE TANKS/VESSELS	N/A	115B-Flr	30 TAC Chapter 115, Storage of VOCs	No changing attributes.
U-515	STORAGE TANKS/VESSELS	N/A	R5112-1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-515	STORAGE TANKS/VESSELS	N/A	R5112-2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-5A	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	115-MIXER	30 TAC Chapter 115, Vent Gas Controls	No changing attributes.
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-5B	STORAGE TANKS/VESSELS	N/A	115B-5B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8A	STORAGE TANKS/VESSELS	N/A	115B-8A2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B1	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is less than 1.0 psia
U-8B	STORAGE TANKS/VESSELS	N/A	115B-8B2	30 TAC Chapter 115, Storage of VOCs	True Vapor Pressure = True vapor pressure is greater than or equal to 1.0 psia but less than 1.5 psia

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP-10	EU	111-10	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-10COMBVENT	EP	115-EP10VENT	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(B) § 60.18	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(B) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(B) § 115.126(2)	None
EP-12	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
EP-26	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-27	EP	R5127	VOC	30 TAC Chapter 115, Vent Gas	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4)	A vent gas stream having a combined weight of volatile	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				Controls	§ 115.127(a)(2)	organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.		§ 115.126(4)	
EP-35	EP	115B-35	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-36	EP	115B-36	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
EP-OXIB4VC	EP	115-COMB T-OX	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(C)	Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices).	[G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	§ 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(iii) § 115.126(2)	None
FEP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A)	No flanges or other connectors contacting a fluid with TVP greater than 0.044 psia (gas/vapor or	§ 115.354(1) § 115.354(10) § 115.354(11) § 115.354(3)	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	[G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
FEP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
FEP-10	EU	115D-10	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.			
FEP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-2(b)(1) [G]§ 60.482-2(b)(2) § 60.482-2(c)(1) [G]§ 60.482-2(c)(2) § 60.482-2(d) [G]§ 60.482-2(d)(1) § 60.482-2(d)(2) § 60.482-2(d)(3) [G]§ 60.482-2(d)(4) [G]§ 60.482-2(d)(5) [G]§ 60.482-2(d)(6) [G]§ 60.482-2(e) § 60.482-2(f) [G]§ 60.482-2(g) § 60.482-2(h) § 60.482-9(a) § 60.482-9(b) [G]§ 60.482-9(d) § 60.482-9(f) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements as stated in §60.482-2 for pumps in light-liquid service.	§ 60.482-1(f)(1) § 60.482-1(f)(2) [G]§ 60.482-1(f)(3) [G]§ 60.482-2(a) [G]§ 60.482-2(b)(2) [G]§ 60.482-2(d)(4) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) [G]§ 60.485(e) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) § 60.486(f) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
FEP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b)	Comply with the requirements as stated in §60.482-3 for compressors.	§ 60.482-3(e)(1) § 60.485(a) [G]§ 60.485(b)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.482-1(g) § 60.482-3(a) [G]§ 60.482-3(b) § 60.482-3(c) § 60.482-3(d) § 60.482-3(e)(1) § 60.482-3(e)(2) § 60.482-3(f) § 60.482-3(g)(1) § 60.482-3(g)(2) § 60.482-3(h) [G]§ 60.482-3(i) § 60.482-3(j) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)		[G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	[G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) [G]§ 60.486(e)(2) [G]§ 60.486(e)(4) [G]§ 60.486(h) § 60.486(j) § 60.562-2(e)	§ 60.487(e) § 60.562-2(e) § 60.565(l)
FEP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(d) § 60.486(k) § 60.562-2(e)	Comply with the requirements as stated in §60.482-1(d) for equipment in vacuum service.	None	[G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(5) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
FEP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-8(a) § 60.482-8(a)(2) § 60.482-8(b) § 60.482-8(c)(1) § 60.482-8(c)(2) § 60.482-8(d) § 60.482-9(a) § 60.482-9(b) § 60.482-9(f) § 60.486(k)	Comply with the requirements in as stated in §60.482-8 for flanges or other connectors.	§ 60.482-8(a)(1) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) [G]§ 60.486(b) [G]§ 60.486(c) § 60.486(e) § 60.486(e)(1) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 60.562-2(d) § 60.562-2(e)				
FEP-10	EU	60DDD-10	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-2(a) § 60.482-1(a) § 60.482-1(b) § 60.482-1(g) § 60.482-4(a) § 60.482-4(b)(1) § 60.482-4(c) § 60.482-4(d)(1) § 60.482-4(d)(2) § 60.482-9(a) § 60.482-9(b) § 60.486(k) § 60.562-2(d) § 60.562-2(e)	Comply with the requirements in as stated in §60.482-4 for pressure relief devices in gas/vapor service.	§ 60.482-4(b)(2) § 60.485(a) [G]§ 60.485(b) [G]§ 60.485(c) [G]§ 60.485(d) § 60.485(f) § 60.562-2(d)	§ 60.482-1(g) [G]§ 60.486(a) § 60.486(e) § 60.486(e)(1) § 60.486(e)(3) [G]§ 60.486(e)(4) § 60.486(j) § 60.562-2(e)	§ 60.487(a) [G]§ 60.487(b) [G]§ 60.487(c) § 60.487(e) § 60.562-2(e) § 60.565(l)
FEP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(2) § 115.352(9)	Conservation vents or other devices on atmospheric storage tanks that are actuated either by a vacuum or a pressure of no more than 2.5 psig, pressure relief valves equipped with a rupture disk or venting to a control device, components in continuous vacuum service, and valves that are not externally regulated (such as in-line check valves) are exempt from the requirements of this division, except that each pressure relief valve equipped with a rupture disk must comply with §115.352(9) and §115.	None	§ 115.356 § 115.356(3) [G]§ 115.356(3)(C)	None
FEP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery	§ 115.352(1)(A) § 115.352(1)	No flanges or other connectors contacting a	§ 115.354(1) § 115.354(10)	§ 115.352(7) § 115.354(10)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
				& Petrochemicals	§ 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(5) § 115.352(7) § 115.352(8) § 115.357(12) § 115.357(8)	fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(11) § 115.354(3) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) [G]§ 115.356(3)(C) § 115.356(5)	
FEP-9	EU	115D-9	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.352(1)(A) § 115.352(1) § 115.352(2) § 115.352(2)(A) § 115.352(3) § 115.352(7)	No process drains contacting a fluid with TVP greater than 0.044 psia (gas/vapor or light liquid service) shall be allowed to have a VOC leak, for more than 15 days after discovery, which exceeds a screening concentration greater than 500 parts per million by volume above background as methane, or the dripping or exuding of process fluid based on sight, smell, or sound.	§ 115.354(1) § 115.354(10) § 115.354(5) § 115.354(6) § 115.354(9) [G]§ 115.355	§ 115.352(7) § 115.354(10) § 115.356 [G]§ 115.356(1) [G]§ 115.356(2) § 115.356(3) § 115.356(3)(A) § 115.356(3)(B) § 115.356(5)	None
HP PILOT PLT	PRO	115-HPPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
LAB HOODS	EP	115-LABHOODS	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
M-102	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
M-109	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
M-4	CD	111-Flr	Opacity	30 TAC Chapter 111, Visible Emissions	§ 111.111(a)(4)(A)	Visible emissions from a process gas flare shall not be permitted for more than five minutes in any two-hour period. Non-excessive upset events are subject to the provisions under §101.222(b).	§ 111.111(a)(4)(A)(i) § 111.111(a)(4)(A)(ii)	§ 111.111(a)(4)(A)(ii)	None
OIL-DRUM A	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
OIL-DRUM B	EU	115-DRUM	VOC	30 TAC Chapter 115, Loading and Unloading of VOC	§ 115.217(a)(1) § 115.214(a)(1)(B) § 115.214(a)(1)(D) § 115.214(a)(1)(D)(i)	Vapor pressure (at land-based operations). All land-based loading and unloading of VOC with a true vapor pressure less than 0.5 psia is exempt from the requirements of this division, except as specified.	§ 115.214(a)(1)(A) § 115.214(a)(1)(A)(i) § 115.215 § 115.215(4)	§ 115.216 § 115.216(2) § 115.216(3)(B)	None
P-401A	EU	60IIII-01	NMHC and NO _x	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with an NMHC+NO _x emission limit	None	None	[G]§ 60.4214(d)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of 4.0 g/KW-hr, as listed in Table 4 to this subpart.			
P-401A	EU	60III-01	PM	40 CFR Part 60, Subpart IIII	§ 60.4205(c)-Table 4 § 60.4206 § 60.4207(b) [G]§ 60.4211(a) § 60.4211(c) [G]§ 60.4211(f)	Owners and operators of emergency stationary fire pump CI ICE with a maximum engine power greater than or equal to 130 KW and less than or equal to 560 KW and a displacement of less than 30 liters per cylinder and is a 2009 model year and later must comply with a PM emission limit of 0.20 g/KW-hr, as listed in Table 4 to this subpart.	None	None	[G]§ 60.4214(d)
P-401A	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6590(c)	Stationary RICE subject to Regulations under 40 CFR Part 60. An affected source that meets any of the criteria in paragraphs (c)(1) through (7) of this section must meet the requirements of this part by meeting the requirements of 40 CFR part 60 subpart IIII, for compression ignition engines or 40 CFR part 60 subpart JJJJ, for spark ignition engines as applicable. No further requirements apply for such engines under this part.	None	None	None
P-415	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b)	§ 63.6640(e) § 63.6650(f)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	comply with the requirements as specified in Table 2d.4.a-c.	6.9.a.ii	§ 63.6660(c)	
P-515	EU	63ZZZZ-01	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§ 63.6603(a)-Table 2d.4 § 63.6595(a)(1) § 63.6605(a) § 63.6605(b) § 63.6625(e) § 63.6625(f) § 63.6625(h) § 63.6625(i) § 63.6640(f)(1) § 63.6640(f)(2) § 63.6640(f)(2)(i) § 63.6640(f)(4) § 63.6640(f)(4)(i)	For each existing emergency stationary CI RICE and black start stationary CI RICE, located at an area source, you must comply with the requirements as specified in Table 2d.4.a-c.	§ 63.6625(i) § 63.6640(a) § 63.6640(a)-Table 6.9.a.i § 63.6640(a)-Table 6.9.a.ii	§ 63.6625(i) § 63.6655(e) § 63.6655(f) § 63.6660(a) § 63.6660(b) § 63.6660(c)	§ 63.6640(e) § 63.6650(f)
PROFINOXI	PRO	60DDD-VC	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.562-1(a)(1)(i) § 60.562-1(a)(1)(i)(A) § 60.562-1(a)(1)(i)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs (a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(1)(i) § 60.563(c) § 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(b) [G]§ 60.564(c) [G]§ 60.564(d)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(1) [G]§ 60.565(b)(2) § 60.565(c) § 60.565(c)(1) § 60.565(c)(2) § 60.565(c)(2)(i) [G]§ 60.565(g) § 60.565(j)	§ 60.565(a) [G]§ 60.565(a)(1) § 60.565(b)(1) § 60.565(i) § 60.565(j) § 60.565(k) § 60.565(k)(1) § 60.565(k)(2) § 60.565(l)
PROFINPRL-22	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§ 60.562-1 does not apply to any polypropylene or polyethylene affected facility	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.			§ 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-23	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINPRL-24	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROFINU21-ATMZ	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X-1.76	PRO	60DDD-1.76	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.560(d)	§60.562-1 does not apply to any polypropylene or polyethylene affected facility with an 09/30/87 applicability date and an uncontrolled emission rate that is the rates of Table 2.	[G]§ 60.564(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(h)	§ 60.565(a) § 60.565(a)(10) § 60.565(k) § 60.565(k)(6) § 60.565(k)(7) § 60.565(l)
PROPOLYR X3	PRO	60DDD-Rx3	VOC/TOC	40 CFR Part 60, Subpart DDD	§ 60.562-1(a)(1) § 60.18 § 60.562-1(a)(1)(i) § 60.562-	For each vent stream that emits continuous emissions from affected facility, use procedures in paragraphs	[G]§ 60.563(a) § 60.563(b) § 60.563(b)(2)(i) § 60.563(c)	[G]§ 60.563(a) § 60.563(d)(1) § 60.565(a) [G]§ 60.565(a)(3)	§ 60.565(a) [G]§ 60.565(a)(3) § 60.565(b)(1) § 60.565(i)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					1(a)(1)(i)(C) § 60.562-1(a)(1)(iii) § 60.562-1(a)(1)(iii)(A) § 60.562-1(d) § 60.562-1(e)	(a)(1)(ii)-(iii) for determining which continuous emissions to control as specified.	§ 60.563(d)(1) § 60.563(d)(2) § 60.564(a) § 60.564(a)(1) § 60.564(a)(3) [G]§ 60.564(d) [G]§ 60.564(e) [G]§ 60.564(f) [G]§ 60.564(g)	[G]§ 60.565(b)(2) [G]§ 60.565(e) [G]§ 60.565(g) § 60.565(j)	§ 60.565(j) § 60.565(k) § 60.565(k)(2) § 60.565(k)(4) § 60.565(l)
PRPP	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPP-1	PRO	115-PRPP	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C), 115.164, and 115.166(2).	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None
PRPPAST	PRO	115-PRPPAST	VOC	30 TAC Chapter 115, Batch Processes	§ 115.167(2) § 115.162(3)	Combined vents from a batch process train or single unit operations that meet the criteria in § 115.162(2)(A) or (B), respectively, are exempt from the requirements of this division, except for §§115.161(b) and (C),	§ 115.164(1) § 115.164(2) § 115.166 [G]§ 115.166(2)	§ 115.166 [G]§ 115.166(2)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						115.164, and 115.166(2).			
PRPPSOLV	EU	R5411-1	VOC	30 TAC Chapter 115, Degreasing Processes	§ 115.412(1) § 115.411(1) § 115.411(2) [G]§ 115.412(1)(A) § 115.412(1)(C) [G]§ 115.412(1)(F)	No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411.	[G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary	None	None
RENTALBOIL	EU	60Db-01	NO _x	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	§ 60.46b(g)	[G]§ 60.49b(d) § 60.49b(o) [G]§ 60.49b(p)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(2) § 60.49b(a)(3) § 60.49b(q) § 60.49b(q)(1) § 60.49b(q)(3) § 60.49b(w)
RENTALBOIL	EU	60Db-01	PM	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	PM (Opacity)	40 CFR Part 60, Subpart Db	§ 60.40b(a)	This subpart applies to each steam generating unit constructed, modified, or reconstructed after 6/19/84, and that has a heat input capacity from fuels combusted in the unit > 29 MW (100 MMBtu/hr).	None	[G]§ 60.49b(d) § 60.49b(o)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(a)(3)
RENTALBOIL	EU	60Db-01	SO ₂	40 CFR Part 60, Subpart Db	§ 60.42b(k)(2)	Units firing only very low sulfur oil and/or a mixture of gaseous fuels with a potential SO ₂ emission rate	§ 60.47b(f)	§ 60.45b(k) § 60.49b(o) § 60.49b(r) § 60.49b(r)(1)	§ 60.49b(a) § 60.49b(a)(1) § 60.49b(r) § 60.49b(r)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						of 140 ng/J (0.32 lb/MMBtu) heat input or less are exempt from the SO ₂ emissions limit in §60.42b(k)(1).			
TEMP BLR	EU	60Dc-01	PM	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
TEMP BLR	EU	60Dc-01	PM (Opacity)	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
TEMP BLR	EU	60Dc-01	SO ₂	40 CFR Part 60, Subpart Dc	§ 60.40c(a)	This subpart applies to each steam generating unit constructed, reconstructed, or modified after 6/9/89 and that has a maximum design heat input capacity of 2.9-29 megawatts (MW).	None	§ 60.48c(g)(1) § 60.48c(g)(2) § 60.48c(g)(3) § 60.48c(i)	[G]§ 60.48c(a)
U-107	EU	115B-107	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-13	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						vapor pressure less than 1.5 psia is exempt from the requirements of this division.			
U-14A	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14B	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						1.5 psia is exempt from the requirements of this division.			
U-14B	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-14	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-14C	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-2	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						requirements of this division.			
U-20A	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or Table II(a).	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None
U-3	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-31	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-32	EU	115B-13	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-33	EU	115B-Flr	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.112(a)(1) § 115.112(a)(3) § 60.18	Tanks shall not store VOC unless the required pressure is maintained, or they are equipped with the appropriate control device specified in Table I(a) or	§ 115.115(a) § 115.115(a)(6) § 115.116(a)(2) [G]§ 115.117	§ 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						Table II(a).			
U-515	EU	R5112-1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-515	EU	R5112-2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-5A	EP	115-MIXER	VOC	30 TAC Chapter 115, Vent Gas Controls	§ 115.127(a)(2)(A) [G]§ 115.122(a)(4) § 115.127(a)(2)	A vent gas stream having a combined weight of volatile organic compounds (VOC) equal to or less than 100 pounds in any continuous 24-hour period is exempt from §115.121(a)(1) of this title.	[G]§ 115.125 § 115.126(2)	§ 115.126 § 115.126(2) § 115.126(4)	None
U-5B	EU	115B-5B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-5B	EU	115B-5B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						division.			
U-8A	EU	115B-8A1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8A	EU	115B-8A2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8B	EU	115B-8B1	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None
U-8B	EU	115B-8B2	VOC	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(1)	Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than 1.5 psia is exempt from the requirements of this division.	[G]§ 115.117	§ 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(7)	None

Additional Monitoring Requirements

Periodic Monitoring Summary	39
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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: PRPPSOLV	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Degreasing Processes	SOP Index No.: R5411-1
Pollutant: VOC	Main Standard: § 115.412(1)
Monitoring Information	
Indicator: Visual Inspection	
Minimum Frequency: Monthly	
Averaging Period: N/A	
Deviation Limit: Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of 30 TAC § 115.412(1) (A)-(F) shall be considered and reported as a deviation.	
Periodic Monitoring Text: Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F). Any monitoring data which indicates that the cold cleaner is not in compliance with the applicable requirements of § 115.412(1)(A)-(F) shall be considered and reported as a deviation.	

Permit Shield

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Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
CTWR-2	N/A	40 CFR Part 63, Subpart Q	Industrial process cooling tower unit does not use chromium-based water treatment chemicals and is not located in a major source of HAPs.
DEGR1	N/A	30 TAC Chapter 115, Degreasing Processes	Remote cold solvent cleaner uses solvent with a TVP less than 0.6 psia at 100 degrees F with drain less than 16 square inches. Waste solvent is disposed of in enclosed containers.
DEGR2	N/A	30 TAC Chapter 115, Degreasing Processes	Remote cold solvent cleaner uses solvent with a TVP less than 0.6 psia at 100 degrees F with drain less than 16 square inches. Waste solvent is disposed of in enclosed containers.
DEGR3	N/A	30 TAC Chapter 115, Degreasing Processes	Remote cold solvent cleaner uses solvent with a TVP less than 0.6 psia at 100 degrees F with drain less than 16 square inches. Waste solvent is disposed of in enclosed containers.
EP-10	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-10	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63.
EP-11	N/A	30 TAC Chapter 111, Visible Emissions	Flare is used for emergency use only.
EP-11	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-11	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP-12	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
EP-12	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
EP-26	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is a natural gas.
EP-26	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-26	N/A	40 CFR Part 60, Subpart D	Boiler has a heat input capacity < 250 MMBtu/hr.
EP-26	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-26	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-27	N/A	30 TAC Chapter 112, Sulfur Compounds	Fuel used is natural gas.
EP-27	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
EP-27	N/A	40 CFR Part 60, Subpart D	Boiler has a heat capacity < 250 MMBtu/hr.
EP-27	N/A	40 CFR Part 60, Subpart Db	Boiler was constructed before June 19, 1984 and has not been modified or reconstructed.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP-27	N/A	40 CFR Part 60, Subpart Dc	Boiler was constructed before June 9, 1989 and has not been modified or reconstructed.
EP-27	N/A	40 CFR Part 63, Subpart JJJJJJ	Unit is a gas-fired boiler as defined in 40 CFR §63.11237.
EP-32A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
EP-32A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
EP-32A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
EP-35	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
EP-36	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
FEP-9	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
FLRDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
GRP _{TANKS1_PS}	U-19A, U-19B, U-19C, U-19D, U-19E, U-19F, U-201, U-914, U-967	40 CFR Part 63, Subpart OO	Unit is a storage tank that is not subject to any subparts of 40 CFR 60, 61, or 63 that references

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			40 CFR Part 63, Subpart OO for control of air emissions.
HP PILOT PLT	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
M-4	N/A	40 CFR Part 60, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 60 or 40 CFR Part 61 emission standard.
M-4	N/A	40 CFR Part 63, Subpart A	Flare is not used to control any emission units for the purposes of meeting a 40 CFR Part 63 emission standard.
PROPOLYRX1A	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PROPOLYRX1B	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PROPRODSTOR	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRORMPREP	N/A	40 CFR Part 60, Subpart DDD	The affected facility was constructed, modified, or reconstructed before September 30, 1987.
PRPP	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-1	N/A	40 CFR Part 60, Subpart DDD	This unit is not a continuous process that manufactures polyethylene.
PRPP-HTR	N/A	30 TAC Chapter 112, Sulfur Compounds	The fuel used is natural gas.
PRPP-HTR	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is no a major source of NOx emissions.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
PRPPDRUM	N/A	30 TAC Chapter 115, Storage of VOCs	Loading to drums is exempt from requirements because drums do not meet the definition of a transport vessel defined in 115.10.
PRPPPAST	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
RENTALBOIL	N/A	30 TAC Chapter 115, Vent Gas Controls	Boiler only burns natural gas and is not being used as a control device.
RENTALBOIL	N/A	30 TAC Chapter 117, Subchapter B	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
RENTALBOIL	N/A	40 CFR Part 63, Subpart JJJJJJ	Emission Unit is a gas fired boiler as defined in 40 CFR 63.11237.
T-906	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
T-960	N/A	30 TAC Chapter 115, Vent Gas Controls	VOCs in emission unit's vent stream originate from a source subject to another division of Chapter 115.
U-107	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-107	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-114	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-114	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-114	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-13	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-13	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-14C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic meters.
U-14C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-2	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank unit is less than 75 cubic

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			meters.
U-2	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-20A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-20A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-21	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-21	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-21	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22A	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			cubic meters.
U-22B	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22C	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22D	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-22E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22E	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-22F	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			gallons.
U-22F	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-22F	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-3	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-3	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-31	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-31	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-32	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-32	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-33	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-33	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-422A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422C	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422C	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-422C	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-422D	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422D	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422D	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			60, 61 or 63 that references this subpart for control of air emissions.
U-422E	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-422E	N/A	40 CFR Part 60, Subpart Kb	Design capacity of tank less than 75 cubic meters
U-422E	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-515	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-515	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-55	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-55	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-55	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.
U-5B	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-5B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject any subparts of 40 CFR 60,

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
			61 or 63 that references this subpart for control of air emissions
U-6A	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-6A	N/A	40 CFR Part 60, Subpart Kb	Construction, reconstruction, or modification commenced before July 23, 1984.
U-6A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions.
U-6B	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-6B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-6B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8A	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8A	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions
U-8B	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-8B	N/A	40 CFR Part 63, Subpart OO	Tank is not subject to any subparts of 40 CFR 60, 61 or 63 that references this subpart for control of air emissions

Permit Shield

The Executive Director of the TCEQ has determined that the permit holder is not required to comply with the specific regulation(s) identified for each emission unit, group, or process in this table.

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
U-910	N/A	30 TAC Chapter 115, Storage of VOCs	Storage capacity is less than or equal to 1,000 gallons.
U-910	N/A	40 CFR Part 60, Subpart Kb	Design capacity of storage vessel is less than 75 cubic meters.
U-910	N/A	40 CFR Part 63, Subpart OO	Tank unit is not subject to any subparts of 40 CFR 60, 61, or 63 that references this subpart for control of air emissions.

New Source Review Authorization References

New Source Review Authorization References	55
New Source Review Authorization References by Emission Unit	56

New Source Review Authorization References

The New Source Review authorizations listed in the table below are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 1727	Issuance Date: 09/24/2024
Authorization No.: 1736	Issuance Date: 08/23/2024
Authorization No.: 1829	Issuance Date: 04/27/2021
Authorization No.: 168616	Issuance Date: 10/15/2023
Authorization No.: 169894	Issuance Date: 08/15/2022
Authorization No.: 173794	Issuance Date: 09/20/2023
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.124	Version No./Date: 09/04/2000
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.263	Version No./Date: 11/01/2001
Number: 106.266	Version No./Date: 09/04/2000
Number: 106.393	Version No./Date: 09/04/2000
Number: 106.451	Version No./Date: 09/04/2000
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.492	Version No./Date: 09/04/2000
Number: 106.495	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
CTWR-2	COOLING TOWER	1829
DEGR1	MAINT REMOTE COLD SOLVENT DEGREASER	106.454/11/01/2001
DEGR2	MAINT REMOTE COLD SOLVENT DEGREASER	106.454/11/01/2001
DEGR3	PRPP REMOTE COLD SOLVENT DEGREASER	106.454/11/01/2001
EP-10	M-1 FLARE	1829
EP-10COMBVENT	COMBINE VENT	1829
EP-11	M-2 FLARE	1829
EP-12	M-3 FLARE	1829, 106.261/11/01/2003, 106.262/11/01/2003, 106.263/11/01/2001
EP-26	BOILER #30	1727, 1829, 168616
EP-27	BOILER #31	1736, 1829, 168616
EP-32A	UNLEADED GASOLINE STORAGE TANK	106.472/09/04/2000
EP-35	BINARY DISTILLATION T-563 AND U-564 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-36	BINARY DISTILLATION T-363 AND U-364 REFLUX DRUM VE	1829, 106.263/11/01/2001
EP-OXIB4VC	OXIDIZER	1829
FEP-10	PROCESS FUGITIVE - 115 & DDD	1829, 106.261/11/01/2003, 106.262/11/01/2003
FEP-9	PROCESS FUGITIVE - 115	1829, 106.124/09/04/2000 [138665], 106.261/11/01/2003, 106.262/11/01/2003
FLRDRUM	LOADING OF FLARE KNOCKOUT DRUM	1829, 106.261/11/01/2003 [167923]
HP PILOT PLT	HIGH PRESSURE PILOT PLANT AND FLARE	106.124/09/04/2000, 106.263/11/01/2001, 106.492/09/04/2000
LAB HOODS	LAB HOODS ASSOCIATED WITH HP PILOT PLANT	106.124/09/04/2000 [138665], 106.263/11/01/2001

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
M-102	EMERGENCY GENERATOR (EAST)	106.511/09/04/2000
M-109	EMERGENCY GENERATOR (WEST)	106.511/09/04/2000
M-4	PILOT PLANT FLARE	106.124/09/04/2000 [138665], 106.263/11/01/2001, 106.492/09/04/2000 [138665]
OIL-DRUM A	OIL DRUMMING A	1829
OIL-DRUM B	OIL DRUMMING B	1829
P-401A	FIRE WATER PUMP	106.511/09/04/2000 [159776]
P-415	FIRE WATER PUMP	106.511/09/04/2000
P-515	FIRE WATER PUMP	106.511/09/04/2000
PROFINOXI	PRODUCT FINISHING SECTION & VC CONTROL	1829
PROFINPRL-22	PRODUCT FINISHING SECTION - PRILLER EP-22	1829
PROFINPRL-23	PRODUCT FINISHING SECTION - PRILLER EP-23	1829
PROFINPRL-24	PRODUCT FINISHING SECTION - PRILLER EP-24	1829
PROFINU21-ATMZ	ATOMIZER	1829
PROPOLYRX-1.76	POLYMERIZATION SECTION	1829
PROPOLYRX1A	POLYMERIZATION SECTION: REACTOR 1A	1829
PROPOLYRX1B	POLYMERIZATION SECTION: REACTOR 1B	1829
PROPOLYRX3	POLYMERIZATION SECTION: REACTOR 3	1829
PROPRODSTOR	PRODUCT STORAGE SECTION	1829
PRORMPREP	RAW MATERIAL PREPARATION SECTION	1829
PRPP	PILOT PLANT	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
PRPP-1	NEW PILOT PLANT	1829
PRPP-HTR	PILOT PLANT PROCESS HEATER	106.183/09/04/2000
PRPPDRUM	PRPP DRUMMING	1829
PRPPAST	PRPP PASTILLATOR	1829
PRPPSOLV	PRPP DEGREASER	106.454/11/01/2001
RENTALBOIL	75 KPPH TRAILER MOUNTED BOILER	1829, 169894
T-906	CAUSTIC SCRUBBER	1829
T-960	CAUSTIC SCRUBBER	1829
TEMP BLR	350 HP ULTRA LOW NOX TRAILER MOUNTED BOILER	106.183/09/04/2000 [152717]
U-107	SOLVENT TANK	1829
U-114	SOLVENT TANK	1829
U-13	RECYCLED IPA STORAGE TANK	1829
U-14A	RECYCLED IPA/VA TANK	1829
U-14B	RECYCLED IPA/VA TANK	1829
U-14C	RECYCLED IPA/VA TANK	1829
U-19A	CATALYST PUMP MIX CHAMBER	1829
U-19B	CATALYST PUMP MIX CHAMBER	1829
U-19C	CATALYST PUMP MIX CHAMBER	1829
U-19D	CATALYST PUMP MIX CHAMBER	1829
U-19E	CATALYST PUMP MIX CHAMBER	1829
U-19F	CATALYST PUMP MIX CHAMBER	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-2	IPA STORAGE TANK	1829
U-201	IPA RECOVERY POT	1829
U-20A	CATALYST PREP TANK	1829
U-21	ATOMIZER WAX FEED TANK	1829
U-22A	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22B	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22C	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22D	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22E	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-22F	CATALYST PUMP MIX CHAMBER AND FLASH RECOVERY	1829
U-3	RECYCLED IPA STORAGE TANK	1829
U-31	AA/IPA STORAGE TANK	1829
U-32	ACRYLIC ACID/ISOPROPYL ALCOHOL STORAGE TANK	1829
U-33	VINYL ACETATE TANK	1829
U-422A	DIESEL STORAGE TANK	106.472/09/04/2000
U-422B	DIESEL STORAGE TANK	106.472/09/04/2000
U-422C	DIESEL STORAGE TANK	106.472/09/04/2000
U-422D	DIESEL STORAGE TANK	106.472/09/04/2000
U-422E	DIESEL STORAGE TANK	106.472/09/04/2000
U-515	INITIATOR MIXING TANK	1829
U-55	GC TANK	1829

New Source Review Authorization References by Emissions Unit

The following is a list of New Source Review (NSR) authorizations for emission units listed elsewhere in this operating permit. The NSR authorizations are applicable requirements under 30 TAC Chapter 122 and enforceable under this operating permit.

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
U-5A	INITIATOR MIXING TANK PROCESS VENT	1829
U-5B	INITIATOR MIXING TANK	1829
U-6A	INITIATOR MIXING TANK	1829
U-6B	INITIATOR MIXING TANK	1829
U-8A	REACTOR FEED TANK	1829
U-8B	REACTOR FEED TANK	1829
U-910	FEED TANK	1829
U-914	CATALYST TANK	1829
U-967	CATALYST TANK	1829

**This column may include Permit by Rule (PBR) numbers and version dates, PBR Registration numbers in brackets, Standard Permit Registration numbers, Minor NSR permit numbers, and Major NSR permit numbers.

Appendix A

Acronym List 62

Acronym List

The following abbreviations or acronyms may be used in this permit:

ACFM	actual cubic feet per minute
AMOC	alternate means of control
ARP	Acid Rain Program
ASTM	American Society of Testing and Materials
B/PA	Beaumont/Port Arthur (nonattainment area)
CAM	Compliance Assurance Monitoring
CD	control device
CEMS	continuous emissions monitoring system
CFR	Code of Federal Regulations
COMS	continuous opacity monitoring system
CVS	closed vent system
D/FW	Dallas/Fort Worth (nonattainment area)
EP	emission point
EPA	U.S. Environmental Protection Agency
EU	emission unit
FCAA Amendments	Federal Clean Air Act Amendments
FOP	federal operating permit
gr/100 scf	grains per 100 standard cubic feet
HAP	hazardous air pollutant
H/G/B	Houston/Galveston/Brazoria (nonattainment area)
H ₂ S	hydrogen sulfide
ID No.	identification number
lb/hr	pound(s) per hour
MACT	Maximum Achievable Control Technology (40 CFR Part 63)
MMBtu/hr	Million British thermal units per hour
NA	nonattainment
N/A	not applicable
NADB	National Allowance Data Base
NESHAP	National Emission Standards for Hazardous Air Pollutants (40 CFR Part 61)
NO _x	nitrogen oxides
NSPS	New Source Performance Standard (40 CFR Part 60)
NSR	New Source Review
ORIS	Office of Regulatory Information Systems
Pb	lead
PBR	Permit By Rule
PEMS	predictive emissions monitoring system
PM	particulate matter
ppmv	parts per million by volume
PRO	process unit
PSD	prevention of significant deterioration
psia	pounds per square inch absolute
SIP	state implementation plan
SO ₂	sulfur dioxide
TCEQ	Texas Commission on Environmental Quality
TSP	total suspended particulate
TVP	true vapor pressure
U.S.C.	United States Code
VOC	volatile organic compound

Carolyn Thomas

From: eNotice TCEQ
Sent: Thursday, September 26, 2024 8:51 AM
To: 'Robert.nichols@senate.texas.gov'; 'Dade.phelan@house.texas.gov'
Subject: TCEQ Notice - Permit Number O1533
Attachments: TCEQ Notice - O1533_37180.pdf

This email is being sent to electronically transmit an official document issued by the Office of Air of the Texas Commission on Environmental Quality.

This email is being sent to you because either (a) you filed a document with the Office of the Chief Clerk that made you part of the official mailing list for the above referenced matter, or (b) notice to you is legally required. As authorized by Texas Water Code 5.128, this electronic transmittal is replacing the previous practice of hard copy distribution. Amendments to Texas Government Code 552.137 prompted a change to the agency's privacy policy regarding confidentiality of certain email addresses. The revised privacy policy can be viewed at http://www.tceq.state.tx.us/help/policies/electronic_info_policy.html.

Questions regarding this email may be submitted either by replying directly to this email or by calling Mr. Jesse Chacon, P.E. with the Air Permits Division at (512) 239-5759.

The attached document is provided in an Adobe Acrobat .pdf format. If you cannot display the attachment, you may need to visit the Adobe web site (<http://get.adobe.com/reader>) to download the free Adobe Acrobat Reader software.

Plain Language Summary for New Source Review (NSR) Renewal Certification
Application for Air New Source Review Permit Number [#####]

The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

[*Company Name*] (CN[#####]) has submitted an application for renewal of permit number [#####]. The [*Facility/Area Name*] (RN[#####]) produces/manufactures [*Principal Company Product/Business*] at [*address/proposed location*], [*City*], [*County*] County.

This renewal will authorize the continued operation of [*description of the facilities being renewed (each emission source does not need to be listed, but instead a summary of what the facilities are)*]. [*Company Name*] has certified there will be no changes to the permit. The following permitted emission rates will remain the same.

Pollutant	Total Amount Allowed (tons per year)

The facilities being renewed continue to be controlled by [*summary of the type of controls for the facilities being renewed; not a BACT discussion*].

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 26, 2024

THE HONORABLE ROBERT NICHOLS
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37180
Permit Number: O1533
Honeywell International Inc.
Polyethylene Wax Unit
Orange, Orange County
Regulated Entity Number: RN100217405
Customer Reference Number: CN600129159

Dear Senator Nichols:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.116666,30.048055&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site. The FOP identifies and codifies air emission requirements (known as applicable requirements) that apply to the emission units at the site. The FOP does not authorize construction of emission units or emissions from those units. The New Source Review (NSR) permit is the mechanism for these authorizations.

The Honorable Robert Nichols
Page 2
September 26, 2024

Re: Accepted Federal Operating Permit Renewal Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read 'Samuel Short', followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 26, 2024

THE HONORABLE DADE PHELAN
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 37180
Permit Number: O1533
Honeywell International Inc.
Polyethylene Wax Unit
Orange, Orange County
Regulated Entity Number: RN100217405
Customer Reference Number: CN600129159

Dear Representative Phelan:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.116666,30.048055&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Carolyn Thomas

From: Johnny Bowers
Sent: Monday, September 23, 2024 8:45 AM
To: Carolyn Thomas
Subject: FW: STEERS Title V Application Submittal (New Application)

Please process. Thanks!

-----Original Message-----

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Monday, September 23, 2024 8:32 AM
To: RFCAIR10 <RFCAIR10@tceq.texas.gov>; TVAPPS <tvapps@tceq.texas.gov>
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by DARRELL SHOCKLEY. The submittal was received at 09/23/2024 08:31 AM.

The Reference number for this submittal is 677343

The confirmation number for this submittal is 565317.

The Area ID for this submittal is 1533.

The Project ID for this submittal is 37180.

The hash code for this submittal is 1F189850A76FF72F0CEAD71EEE4CFE7E3C307CD2BACC75D0F28AD43C4DE86498.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at <https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes>.

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at steers@tceq.texas.gov.

Texas Commission on Environmental Quality

Title V Existing

1533

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	POLYETHYLENE WAX UNIT
Does the site have a physical address?	Yes
Physical Address	
Number and Street	3927 FM 1006
City	ORANGE
State	TX
ZIP	77630
County	ORANGE
Latitude (N) (##.#####)	30.050555
Longitude (W) (-###.#####)	93.770277
Primary SIC Code	2821
Secondary SIC Code	
Primary NAICS Code	325211
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100217405
What is the name of the Regulated Entity (RE)?	HONEYWELL INTERNATIONAL ORANGE PLANT
Does the RE site have a physical address?	No
Because there is no physical address, describe how to locate this site:	1.5 MI E ON FM 1006
City	ORANGE
State	TX
ZIP	77630
County	ORANGE
Latitude (N) (##.#####)	30.048055
Longitude (W) (-###.#####)	-94.116666
Facility NAICS Code	
What is the primary business of this entity?	POLYETHYLENE, FLUOROPOLYMER & OTHER POLYMERS MANUF

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600129159
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Honeywell International Inc.
Texas SOS Filing Number	7056706
Federal Tax ID	222640650
State Franchise Tax ID	12226406507

State Sales Tax ID	
Local Tax ID	
DUNS Number	139691877
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	HONEYWELL INTERNATIONAL INC
Prefix	MR
First	DARRELL
Middle	
Last	SHOCKLEY
Suffix	
Credentials	
Title	DIRECTOR CHEMICAL PLANT OPERATIONS
Enter new address or copy one from list:	
Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 640
Routing (such as Mail Code, Dept., or Attn:)	
City	ORANGE
State	TX
ZIP	77631
Phone (###-###-####)	4092216645
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	darrell.shockley@honeywell.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name	Honeywell International Inc
Prefix	MR
First	Charles
Middle	
Last	Carroll
Suffix	
Credentials	
Title	Environmental Engineer
Enter new address or copy one from list:	Responsible Official Contact
Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 640
Routing (such as Mail Code, Dept., or Attn:)	
City	ORANGE
State	TX
ZIP	77631
Phone (###-###-####)	4092214065
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	charles.carroll2@honeywell.com

Title V General Information - Existing

1) Permit Type:	SOP
2) Permit Latitude Coordinate:	30 Deg 3 Min 2 Sec
3) Permit Longitude Coordinate:	93 Deg 46 Min 13 Sec
4) Is this submittal a new application or an update to an existing application?	New Application
4.1. What type of permitting action are you applying for?	Renewal
4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?	No
4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation?	No
5) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements?	N/A

Title V Attachments Existing

- Attach OP-1 (Site Information Summary)
- Attach OP-2 (Application for Permit Revision/Renewal)
- Attach OP-ACPS (Application Compliance Plan and Schedule)
- Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information)
- Attach OP-REQ2 (Negative Applicable Requirement Determinations)
- Attach OP-REQ3 (Applicable Requirements Summary)
- Attach OP-PBRSUP (Permits by Rule Supplemental Table)
- Attach OP-SUMR (Individual Unit Summary for Revisions)
- Attach OP-MON (Monitoring Requirements)
- Attach OP-UA (Unit Attribute) Forms

If applicable, attach OP-AR1 (Acid Rain Permit Application)

Attach OP-CRO2 (Change of Responsible Official Information)

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	O1533 Renewal August 2024.pdf
Hash	C672B48F51DE535B27CAB5EDDBBF0100BA85869DA1B61F782C753396C80F4AEF
MIME-Type	application/pdf

An additional space to attach any other necessary information needed to complete the permit.

Expedite Title V

1) Per Texas Health and Safety Code, Section 382.05155, does the applicant want to expedite the processing of this application?	No
---	----

Certification

I certify that I am the Responsible Official for this application and that, based on information and belief formed after reasonable inquiry, the statements and information on this form are true, accurate, and complete.

- 1. I am Darrell R Shockley, the owner of the STEERS account ER103561.
- 2. I have the authority to sign this data on behalf of the applicant named above.
- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Title V Existing 1533.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEC

OWNER OPERATOR Signature: Darrell R Shockley OWNER OPERATOR

Account Number:	ER103561
Signature IP Address:	155.190.8.7
Signature Date:	2024-09-23
Signature Hash:	EF078906BDA17130BCBB149BB583FA4916AD7EFD30948352268F027B0AF0B1EF
Form Hash Code at time of Signature:	1F189850A76FF72F0CEAD71EEE4CFE7E3C307CD2BACC75D0F28AD43C4DE86498

Submission

Reference Number:	The application reference number is 677343
Submitted by:	The application was submitted by ER103561/Darrell R Shockley
Submitted Timestamp:	The application was submitted on 2024-09-23 at 08:31:46 CDT
Submitted From:	The application was submitted from IP address 155.190.8.7
Confirmation Number:	The confirmation number is 565317
Steers Version:	The STEERS version is 6.82
Permit Number:	The permit number is 1533

Additional Information

Application Creator: This account was created by Theresa C Hulvey

Application for Renewal and Revision of Federal Operating Permit No. O1533

**Honeywell International Inc.
Orange Plant: Polyethylene Wax Unit
3927 FM 1006
Orange, Orange County, Texas 77630**

**Customer Number: CN600129159
Regulated Entity Number: RN100217405
TCEQ Account Number: OC-0001-V**



August 2024

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I. Introduction

Honeywell International Inc. (Honeywell) owns and operates a Polyethylene Wax Unit at its plant in Orange, Orange County, Texas. Operation of the Polyethylene Wax Unit and associated supporting equipment is authorized by Federal Operating Permit (FOP) No. O-1533, which was initially issued on May 27, 2003, and was last renewed on March 25, 2020. Two subsequent revisions were approved on July 19, 2021 (Project 31376) and May 17, 2023 (Project 34212).

The purpose of this Title V permit application is for the Renewal Permit Number O-1533. Honeywell is submitting the renewal application prior to September 25, 2024, deadline for FOP O-1533 which will expire on March 25, 2025.

II. Description of Changes

Revision 1 – Form OP-REQ1 has been updated since the last revision of FOP No. O-1533. Therefore, the most recent version of this form has been provided per TCEQ guidance.

Revision 2 through 4 – Add Standard Permit 173794 into FOP.

Revision 5 – Add RentalBoil to FOP as authorized with Standard Permit No. 169894. Regulatory applicability and negative applicability are being added to FOP.

Revision 6 through 8 – Correct Permit Shield reference. Site is located in the Beaumont-Port Arthur ozone nonattainment area and the site's is not considered a major source per 30 Texas Administrative Code 117.

III. Administrative Forms

The following Administrative Forms are included in this application¹:

1. OP-ACPS: APPLICATION COMPLIANCE PLAN AND SCHEDULE
2. OP-1: SITE INFORMATION SUMMARY
3. OP-2: APPLICATION FOR PERMIT REVISION/RENEWAL
4. OP-SUMR: INDIVIDUAL UNIT SUMMARY FOR REVISIONS

Note 1: A separate OP-CRO1 certification form is not required as the submittal will be done through STEERS. TCEQ Regulatory Guidance, “A Guide to Obtaining Title V Permits in STEERS ePermits”, RG-531c, dated May 2023.

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 08/28/2024	Regulated Entity No.: 100217405	Permit No.: O1533
Company Name: Honeywell International Inc.		Area Name: Polyethylene Wax Unit

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	
<p><small>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</small></p> <p><small>Compliance should be assessed based, at a minimum, on the required monitoring, testing, record keeping, and/or reporting requirements, as appropriate, associated with the applicable requirement in question.</small></p>	

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 1)
Texas Commission on Environmental Quality**

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I. Company Identifying Information
A. Company Name: Honeywell International Inc.
B. Customer Reference Number (CN): CN 600129159
C. Submittal Date (mm/dd/yyyy): 08/28/2024
II. Site Information
A. Site Name: Orange Plant
B. Regulated Entity Reference Number (RN): RN 100217405
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input checked="" type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging:
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)
Texas Commission on Environmental Quality**

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>
A. Is this submittal an abbreviated or a full application? <input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application? <input type="checkbox"/> YES <input type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit? <input type="checkbox"/> YES <input type="checkbox"/> NO
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.) <input type="checkbox"/> YES <input type="checkbox"/> NO
E. Has the required Public Involvement Plan been included with this application? <input type="checkbox"/> YES <input type="checkbox"/> NO
V. Confidential Information
A. Is confidential information submitted in conjunction with this application? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name: Darrell Shockley
RO Title: Director Chemical Plant Operations
Employer Name: Honeywell International Inc.
Mailing Address: P.O. Box 640
City: Orange
State: TX
ZIP Code: 77631-0641
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: (409) 221-6645
Fax No.:
Email: darrell.shockley@honeywell.com

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)
Texas Commission on Environmental Quality**

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Charles Carroll
Technical Contact Title: Environmental Engineer
Employer Name: Honeywell International Inc.
Mailing Address: P.O. Box 640
City: Orange
State: TX
ZIP Code: 77631-0641
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 409-221-4065
Fax No.:
Email: charles.carroll2@honeywell.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Robert Nichols
B. State Representative: Dade Phelan
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required: Spanish

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)
Texas Commission on Environmental Quality**

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: Polyethylene Wax Unit
B. Physical Address: 3927 FM 1006
City: Orange
State: TX
ZIP Code: 77631
C. Physical Location: 3927 FM 1006
D. Nearest City: Orange
E. State: TX
F. ZIP Code: 77630

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 5)
Texas Commission on Environmental Quality**

X. Application Area Information (continued)
G. Latitude (nearest second): 030:03:02
H. Longitude (nearest second): 093:46:13
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area: Approximately 90
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI. Public Notice <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit: Orange Public Library
B. Physical Address: 220 N. Fifth St.
City: Orange
ZIP Code: 77630
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Charles Carroll
Contact Mailing Address: P.O. Box 640
City: Orange
State: TX
ZIP Code: 77631-0640
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.: 409-221-4065

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 7)
Texas Commission on Environmental Quality**

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIV. Alternate Designated Representative (ADR) Identifying Information

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

Date: 08/28/2024
Permit No.: 01533
Regulated Entity No.: 100217405
Company Name: Honeywell International Inc.
For Submissions to EPA
Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
I. Application Type
Indicate the type of application:
<input checked="" type="checkbox"/> Renewal
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.)
<input type="checkbox"/> Significant Revision
<input type="checkbox"/> Revision Requesting Prior Approval
<input type="checkbox"/> Administrative Revision
<input type="checkbox"/> Response to Reopening
II. Qualification Statement
For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1 *(continued)*
Texas Commission on Environmental Quality

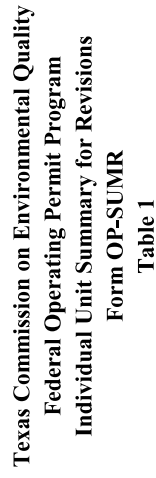
III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)
Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAP
Other: _____
IV. Reference Only Requirements (For reference only)
Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
V. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.



Texas Commission on Environmental Quality
Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2

Date:	8/28/2024
Permit No:	01533
Regulated Entity No.:	100217405
Company Name :	Honeywell International Inc.

I. DESCRIPTION OF REVISION					
Revision No.	Revision Code	New Unit	Unit/Group Process		
			ID No.	Applicable Form	NSR Authorization
1	MS-C	No	N/A	Op-REQ1	N/A
2	MS-A	No	EP-10	OP-2	1829 Standard Permit 173794
3	MS-A	No	BLOWDOWNS	OP-2	1829 Standard Permit 173794
4	MS-A	No	F-EP-9	OP-2	1829 Standard Permit 173794
5	MS-A	YES	RentalBoil	OP-2 OP-SUMR OP-REQ2 OP-UA-6	1829 Standard Permit 169894
6	MS-A	No	EP-26	OP-REQ2	1727, 1829, 168616
7	MS-A	No	EP-27	OP-REQ2	1736, 1829, 168616
8	MS-A	No	PRPP-HTR	OP-REQ2	106.183/09/04/2000
					Provide latest version of Form Op-REQ1
					Add Standard Permit No. 173794. No change to regulatory applicability.
					Add Standard Permit No. 173794. No change to regulatory applicability.
					Add Standard Permit No. 173794. No change to regulatory applicability.
					Add emission unit to Title V Permit. Add Standard Permit No. 169897. Add regulatory applicability for NSPS Db. Add negative applicability for 30 TAC 115, 30 TAC 117, and MACT JJJJJJ.
					Correct Permit Shield Reference.
					Correct Permit Shield Reference.
					Correct Permit Shield Reference.



Unit / Process AI	Unit / Process Revision No.	Unit/Process			Preconstruction Authorizations		
		ID No.	Applicable Form	Name/ Description	CAM	30 TAC Chapter 116/ 30 TAC Chapter 106	Title I
A	5	RentalBoil	OP-2 OP-SUMR OP-REQ2 OP-UA-6	75 KPPH Trailer Mounted Boiler		1829 Standard Permit 169894	

IV. Unit Attribute Forms

The following unit attribute forms are included in this section:

1. OP-UA6: BOILER/STEAM GENERATOR/STEAM GENERATING UNIT
ATTRIBUTES

Federal Operating Permit Program

Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units

Texas Commission on Environmental Quality

[illegible]

Federal Operating Permit Program

Texas Commission on Environmental Quality

08/28/202460Db-01

RentalBoil

NG

D-Series Fuel Type

Series Fuel
Type

Series Fuel Type

Subpart D

Subpart J

Subpart E

**CF Option
SO₂**

**CF Option
PM**

**CF Option
NOx**

Table 3c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart Db: Standards of Performance for Industrial-Commercial Steam Generating Units

Texas Commission on Environmental Quality

[illegible]

Federal Operating Permit Program

Texas Commission on Environmental Quality

08/28/2024

60Db-01

RentalBoil

**Boiler/Steam Generator/Steam Generating Unit Attributes
Form OP-UA6 (Page 10)**

Federal Operating Permit Program

Table 3e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60.400)

Subpart Db: Standards of Performance for Industrial-Commercial Steam Generators

Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
08/28/2024	01533	600129159

[illegible]

V. Applicability Forms

The following applicability forms are included in this section:

1. OP-REQ1: APPLICATION AREA-WIDE APPLICABILITY DETERMINATIONS AND GENERAL INFORMATION
2. OP-REQ2: NEGATIVE APPLICABLE REQUIREMENT DETERMINATIONS

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/28/2024
Permit No.:	O1533
RN No.:	100217405

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/28/2024
Permit No.:	O1533
RN No.:	100217405

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 2		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)		
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots		
1. Items a - d determines applicability of any of these requirements based on geographical location.		
◆	a. The application area is located within the City of El Paso.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>		
2. Items a - d determine the specific applicability of these requirements.		
◆	a. The application area is subject to 30 TAC § 111.143.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes		
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/28/2024
Permit No.:	O1533
RN No.:	100217405

For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 4. Disposal fires are used in the application area and subject to the exception provided in 30 TAC § 111.209.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/28/2024
Permit No.:	O1533
RN No.:	100217405

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 4	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
E. Outdoor Burning (continued)	
◆ 5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 7. The application area has received the TCEQ Executive Director approval of otherwise prohibited outdoor burning according to 30 TAC § 111.215.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
II. Title 30 TAC Chapter 112 - Control of Air Pollution from Sulfur Compounds	
A. Temporary Fuel Shortage Plan Requirements	
1. The application area includes units that are potentially subject to the temporary fuel shortage plan requirements of 30 TAC §§ 112.15 - 112.18.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria area, Beaumont/Port Arthur area, Dallas/Fort Worth area, El Paso area, or a covered attainment county as defined by 30 TAC § 115.10. <i>See instructions for inclusive counties. If the response to Question III.A.1 is "NO," go to Section IV.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Storage of Volatile Organic Compounds	
◆ 1. The application area includes storage tanks, reservoirs, or other containers capable of maintaining working pressure sufficient at all times to prevent any VOC vapor or gas loss to the atmosphere.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/28/2024
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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 5	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
C. Industrial Wastewater	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Loading and Unloading of VOCs	
◆ 1. The application area includes VOC loading operations.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/28/2024
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For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 6	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
D. Loading and Unloading of VOCs (continued)	
◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities	
◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/28/2024
Permit No.:	O1533
RN No.:	100217405

For SOP applications, answer ALL questions unless otherwise directed.

◆ *For GOP applications, answer ONLY these questions unless otherwise directed.*

Form OP-REQ1: Page 7		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)		
◆	8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

Date:	08/28/2024
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For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 8		
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued)		
◆	2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities		
◆	1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
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Date:	08/28/2024
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For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 9	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
H. Control Of Reid Vapor Pressure (RVP) of Gasoline	
◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a motor vehicle fuel dispensing facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries	
1. The application area is located at a petroleum refinery.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Surface Coating Processes (Complete this section for GOP applications only.)	
◆ 1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

Texas Commission on Environmental Quality
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Federal Operating Permit Program

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For SOP applications, answer ALL questions unless otherwise directed.

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Form OP-REQ1: Page 10	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
K. Cutback Asphalt	
1. Conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots, is used or specified for use in the application area by a state, municipal, or county agency. <i>If the response to Question III.K.1 is "N/A," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The applicant using cutback asphalt is a state, municipal, or county agency.	<input type="checkbox"/> YES <input type="checkbox"/> NO
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels	
◆ 1. The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)		
L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)		
◆	3. Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	4. Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	7. Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
M. Petroleum Dry Cleaning Systems		
	1. The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)	
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas	
◆ 1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area is located at a site that was a major source of NO _x before November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Adipic Acid Manufacturing	
1. The application area is located at, or part of, an adipic acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas	
1. The application area is located at, or part of, a nitric acid production unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines	
◆ 1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)		
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued)		
◆	4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	7. An ACSS for carbon monoxide (CO) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. An ACSS for ammonia (NH ₃) has been approved?	<input type="checkbox"/> YES <input type="checkbox"/> NO
	9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below.	
G. Utility Electric Generation in East and Central Texas		
	1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)	
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Subpart E - National Volatile Organic Compound Emission Standards for Aerosol Coatings	
1. The application area manufactures or imports aerosol coating products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is a distributor of aerosol coatings for resale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Subpart F - Control of Evaporative Emissions From New and In-Use Portable Fuel Containers	
1. The application area manufactures or imports portable fuel containers for sale or distribution in the United States. <i>If the response to Question V.E.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All portable fuel containers manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.605(a) - (c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 60 subparts. <i>If the response to Question VI.A.1 is "NO," go to Section VII.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
B. Subpart Y - Standards of Performance for Coal Preparation and Processing Plants		
1.	The application area is located at a coal preparation and processing plant. <i>If the response to Question VI.B.1 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
◆ 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)	
◆ 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below.	
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
1. The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
1. The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes storm water sewer systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)	
◆ 5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001	
◆ 1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006	
◆ 1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆ 2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)	
◆ 8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	
◆ 1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 61 subparts. <i>If the response to Question VII.A.1 is "NO" or "N/A," go to Section VIII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart F - National Emission Standard for Vinyl Chloride	
1. The application area is located at a plant which produces ethylene dichloride by reaction of oxygen and hydrogen chloride with ethylene, vinyl chloride by any process, and/or one or more polymers containing any fraction of polymerized vinyl chloride.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart J - National Emission Standard for Benzene Emissions for Equipment Leaks (Fugitive Emission Sources) of Benzene (Complete this section for GOP applications only)	
◆ 1. The application area includes equipment in benzene service.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
D. Subpart L - National Emission Standard for Benzene Emissions from Coke By-Product Recovery Plants	
1. The application area is located at a coke by-product recovery plant and includes one or more of the affected sources identified in 40 CFR § 61.130(a) - (b). <i>If the response to Question VII.D.1 is "NO," go to Section VII.E.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes equipment in benzene service as determined by 40 CFR § 61.137(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has elected to comply with the provisions of 40 CFR § 61.243-1 and 40 CFR § 61.243-2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Subpart M - National Emission Standard for Asbestos	
Applicability	
1. The application area includes sources, operations, or activities specified in 40 CFR §§ 61.143, 61.144, 61.146, 61.147, 61.148, or 61.155. <i>If the response to Question VII.E.1 is "NO," go to Section VII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
Roadway Construction	
2. The application area includes roadways constructed or maintained with asbestos tailings or asbestos-containing waste material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Manufacturing Commercial Asbestos	
3. The application area includes a manufacturing operation using commercial asbestos. <i>If the response to Question VII.E.3 is "NO," go to Question VII.E.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior U.S. Environmental Protection Agency (EPA) approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Manufacturing Commercial Asbestos (continued)</i>	
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. A high efficiency particulate air (HEPA) filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Asbestos Spray Application</i>	
4. The application area includes operations in which asbestos-containing materials are spray applied. <i>If the response to Question VII.E.4 is "NO," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Asbestos fibers are encapsulated with a bituminous or resinous binder during spraying and are not friable after drying. <i>If the response to Question VII.E.4.a is "YES," go to Question VII.E.5.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. Spray-on applications on buildings, structures, pipes, and conduits do not use material containing more than 1% asbestos.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Asbestos Spray Application (continued)</i>	
d. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
f. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
h. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Fabricating Commercial Asbestos</i>	
5. The application area includes a fabricating operation using commercial asbestos. <i>If the response to Question VII.E.5 is "NO," go to Question VII.E.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
a. Visible emissions are discharged to outside air from the manufacturing operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. An alternative emission control and waste treatment method is being used that has received prior EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO
c. Asbestos-containing waste material is processed into non-friable forms.	<input type="checkbox"/> YES <input type="checkbox"/> NO
d. Asbestos-containing waste material is adequately wetted.	<input type="checkbox"/> YES <input type="checkbox"/> NO
e. Alternative filtering equipment is being used that has received EPA approval.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
E. Subpart M - National Emission Standard for Asbestos (continued)	
<i>Fabricating Commercial Asbestos (continued)</i>	
f. A HEPA filter is being used that is certified to be at least 99.97% efficient for 0.3 micron particles.	<input type="checkbox"/> YES <input type="checkbox"/> NO
g. The EPA has authorized the use of wet collectors designed to operate with a unit contacting energy of at least 9.95 kilopascals.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Non-sprayed Asbestos Insulation</i>	
6. The application area includes insulating materials (other than spray applied insulating materials) that are either molded and friable or wet-applied and friable after drying.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Asbestos Conversion</i>	
7. The application area includes operations that convert regulated asbestos-containing material and asbestos-containing waste material into nonasbestos (asbestos-free) material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart P - National Emission Standard for Inorganic Arsenic Emissions from Arsenic Trioxide and Metallic Arsenic Production Facilities	
1. The application area is located at a metallic arsenic production plant or at an arsenic trioxide plant that processes low-grade arsenic bearing materials by a roasting condensation process.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations	
1. The application area is located at a benzene production facility and/or bulk terminal. <i>If the response to Question VII.G.1 is "NO," go to Section VII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a hazardous waste treatment, storage, and disposal (TSD) facility site as described in 40 CFR § 61.340(b). <i>If the responses to Questions VII.H.1 and VII.H.2 are both "NO," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that has no benzene onsite in wastes, products, byproducts, or intermediates. <i>If the response to Question VII.H.3 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has waste streams with flow-weighted annual average water content of 10% or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area has facility waste with a flow weighted annual average water content of less than 10%.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VII.H.16 is "YES," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VII.H.19 is "YES," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VII.H.20 is "NO," go to Question VII.H.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Individual Drain Systems (continued)	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Remediation Activities	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories	
A. Applicability	
◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry	
1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)	
2. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). <i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater	
<i>Applicability</i>	
1. The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Vapor Collection and Closed Vent Systems</i>	
6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Reloading or Cleaning of Railcars, Tank Trucks, or Barges</i>	
8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. <i>If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area includes operations that are complying with § 63.119(g)(6) through the use of a closed-vent system with a control device used to reduce inlet emissions of HAPs by at least 95 percent by weight or greater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Transfer Racks</i>	
11. The application area includes Group 1 transfer racks that load organic HAPs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
<i>Process Wastewater Streams</i>	
12. The application area includes process wastewater streams. <i>If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. <i>If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. <i>If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Process Wastewater Streams (continued)</i>	
16. The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
Process Wastewater Streams (continued)	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Drains</i>	
31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
Drains (continued)	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The applicant is unable to comply with 40 CFR §§ 63.113 - 63.118 for one or more reasons described in 40 CFR § 63.100(q)(1), (3), or (5).	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 47	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Drains (continued)	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
Applicability	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “YES,” go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)	
◆ 5. The application area contains only a facility, prior to the point of custody transfer, with facility-wide actual annual average natural gas throughput less than 18.4 thousand standard cubic meters (649,789.9 ft ³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day. <i>For SOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.5 is "YES," go to Section VIII.Z.</i> <i>For all applications, if the response to Question VIII.Q.5 is "NO," go to Question VIII.Q.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. The application area includes a triethylene glycol (TEG) dehydration unit. <i>For SOP applications, if the answer to Question VIII.Q.6 is "NO," go to Section VIII.R. For GOP applications, if the response to Question VIII.Q.6 is "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area is located at a site that is within the boundaries of UA plus offset or a UC, as defined in 40 CFR § 63.761.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. The site has actual emissions of 5 tons per year or more of a single HAP, or 12.5 tons per year or more of a combination of HAP.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 9. Emissions for major source determination are being estimated based on the maximum natural gas or hydrocarbon liquid throughput as calculated in § 63.760(a)(1)(i)-(iii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
R. Subpart II - National Emission Standards for Shipbuilding and Ship Repair (Surface Coating)	
1. The application area includes shipbuilding or ship repair operations. <i>If the response to Question VIII.R.1 is "NO," go to Section VIII.S.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Shipbuilding or ship repair operations located in the application area are subject to 40 CFR Part 63, Subpart II.	<input type="checkbox"/> YES <input type="checkbox"/> NO
S. Subpart JJ - National Emission Standards for Wood Furniture Manufacturing Operations	
1. The application area includes wood furniture manufacturing operations and/or wood furniture component manufacturing operations. <i>If the response to Question VIII.S.1 is "NO" or "N/A," go to Section VIII.T.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area meets the definition of an "incidental wood manufacturer" as defined in 40 CFR § 63.801.	<input type="checkbox"/> YES <input type="checkbox"/> NO
T. Subpart KK - National Emission Standards for the Printing and Publishing Industry	
1. The application area includes publication rotogravure, product and packaging rotogravure, or wide-web flexographic printing presses.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
U. Subpart PP - National Emission Standards for Containers	
1. The application area includes containers for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart PP for the control of air emissions. <i>If the response to Question VIII.U.1 is "NO," go to Section VIII.V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes containers using Container Level 1 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes containers using Container Level 2 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
U. Subpart PP - National Emission Standards for Containers (continued)	
4. The application area includes containers using Container Level 3 controls.	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Subpart RR - National Emission Standards for Individual Drain Systems	
1. The application area includes individual drain systems for which another 40 CFR Part 60, 61, or 63 subpart references the use of 40 CFR Part 63, Subpart RR for the control of air emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards	
1. The application area includes an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes process wastewater streams generated from an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process. <i>If the responses to Questions VIII.W.1 and VIII.W.2 are both "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are determined to be Group 2 under the requirements of 40 CFR § 63.132(c).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. All Group 1 wastewater streams at the site are determined to have a total source mass flow rate of less than 1 MG/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.W.6 is "NO," go to Question VIII.W.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.W.8 and W.9 are both "NO," go to Question VIII.W.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.W.12 is "NO," go to Question VIII.W.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of covers and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. <i>If the response to Question VIII.W.32 is required, go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
33. The application area has containers, as defined in 40 CFR § 61.341, that receive a continuous butadiene waste stream. <i>If the response to Question VIII.W.33 is "NO," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
34. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.34 is "YES," go to Question VIII.W.36.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
35. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
36. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a continuous butadiene waste stream. <i>If the response to Question VIII.W.36 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
37. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.37 is "YES," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 64	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
Drains (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 73	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBB.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a).	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
7. The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued)	
11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities	
◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
GG. Recently Promulgated 40 CFR Part 63 Subparts	
◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below. Subpart ZZZZ	

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆ 1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆ 1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆ 1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆ 1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement	
◆ 1. The application area is owned/operated by a department, agency, or instrumentality of the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆ 1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)		
F. Subpart F - Recycling and Emissions Reduction		
◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program		
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction		
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous		
A. Requirements Reference Tables (RRT) and Flowcharts		
	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
E. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program	
1. The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program	
1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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XI. Miscellaneous (continued)		
I. GOP Type (Complete this section for GOP applications only)		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
L. Compliance Assurance Monitoring	
◆ 1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below.	
◆ 7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U.	<input type="checkbox"/> YES <input type="checkbox"/> NO
	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits (continued)		
◆	11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Flexible Permits		
	1. The application area includes at least one Flexible Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
D. Multiple Plant Permits		
	1. The application area includes at least one Multi-Plant Permit NSR authorization.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 1727	Issuance Date: 06/16/2014	Authorization No.: 169894	Issuance Date: 08/15/2022
Authorization No.: 1736	Issuance Date: 08/23/2024	Authorization No.: 173794	Issuance Date: 09/20/2023
Authorization No.: 1829	Issuance Date: 04/27/2021	Authorization No.:	Issuance Date:
Authorization No.: 168616	Issuance Date: 04/28/2022	Authorization No.:	Issuance Date:

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Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.	
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.451	Version No./Date: 09/04/2000
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.: 106.492	Version No./Date: 09/04/2000
PBR No.: 106.511	Version No./Date: 09/04/2000
PBR No.: 106.454	Version No./Date: 11/01/2001
PBR No.: 106.495	Version No./Date: 09/04/2000
PBR No.: 106.266	Version No./Date: 09/04/2000
PBR No.: 106.124	Version No./Date: 09/04/2000
PBR No.: 106.263	Version No./Date: 11/01/2001
PBR No.: 106.183	Version No./Date: 09/04/2000
PBR No.: 106.393	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:



Texas Commission on Environmental Quality
Form OP-REQ2
Negative Applicable Requirement Determinations
Federal Operating Permit Program

Date:	8/28/2024	Permit No.	O1533	Regulated Entity No.	100217405
Area Name:	Orange Plant (Polyethylene Wax Unit)				
		Customer Reference No.	600129159		

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applicable Form			
A	5	RentalBoil	OP-2 OP-SUMR OP-REQ2 OP-UA-6	30 TAC Chapter 115	§115.127(a)(7)	Boiler only burns natural gas and is not being used as a control device.
A	5	RentalBoil	OP-2 OP-SUMR OP-REQ2 OP-UA-6	30 TAC Chapter 117	§117.10(29)(A)	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
A	5	RentalBoil	OP-2 OP-SUMR OP-REQ2 OP-UA-6	40 CFR 63, Subpart JJJJJ	§63.11237	Emission Unit is a gas fired boiler as defined in 40 CFR §63.11237.
D	6	EP-26	OP-REQ2	30 TAC Chapter 117	§117.103(a)(2)	Boiler has a maximum heat rated capacity < 40 MMBtu/hr.
A	6	EP-26	OP-REQ2	30 TAC Chapter 117	§117.10(29)(A)	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
D	7	EP-27	OP-REQ2	30 TAC Chapter 117	§117.103(a)(2)	Boiler has a maximum heat rated capacity < 40 MMBtu/hr.
A	7	EP-27	OP-REQ2	30 TAC Chapter 117	§117.10(29)(A)	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.
D	8	PRPP-HTR	OP-REQ2	30 TAC Chapter 117	§117.103(a)(2)	Process heater unit has a maximum rated capacity of less than 40 million British thermal units per hour (MMBtu/hr).



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Date:	8/28/2024	Permit No.	O1533	Regulated Entity No.	100217405
Area Name:	Orange Plant (Polyethylene Wax Unit)		Customer Reference No.	600129159	

Unit AI	Revision No.	Unit/Group/Process		Potentially Applicable Regulatory Name	Negative Applicability Citation	Negative Applicability Reason
		ID No.	Applicable Form			
A	8	PRPP-HTR	OP-REQ2	30 TAC Chapter 117	§117.10(29)(A)	Site is located in the Beaumont-Port Arthur ozone nonattainment area and site is not a major source of NOx emissions.

VI. New Source Review Form

The following form is required to summarize any Permit By Rule authorizations:

1. OP-PBRSUP: PERMIT BY RULE SUPPLEMENTAL TABLE

Permit By Rule Supplemental Table (Page 1)
Table A: Registered Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date		Permit Number	Regulated Entity Number
08/28/2024		O1533	RN100217405

Unit ID No.	Registration No.	PBR No.	Registration Date
FEP-9	138665	106.124	10/22/2020
HP PILOT PLT	138665	106.124 106.263 106.492	10/22/2020
LAB HOODS	138665	106.124 106.263	10/22/2020
TEMP BLR	152717	106.183	02/05/2020
M-4	138665	106.124 106.263 106.492	10/22/2020
PRPPSOLV	76825	106.454	10/14/2005
P-401A	159776	106.511	01/30/2020
OVEN-1; OVEN-2; OVEN-3	123936	106.495	10/09/2014
MSS	163002	106.263	10/26/2020
DC-8	132055	106.266	06/15/2015
FLRDRUM	167923	106.261	03/11/2022

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
08/28/2024	O1533	RN100217405

Unit ID No.	PBR No.	Version No./Date
DEGR1	106.454	11/01/2001
DEGR2	106.454	11/01/2001
DEGR3	106.454	11/01/2001
EP-12	106.263	11/01/2001
EP-32A	106.472	09/04/2000
EP-35	106.263	11/01/2001
EP-36	106.263	11/01/2001
M-102	106.511	09/04/2000
M-109	106.511	09/04/2000
P-415	106.511	09/04/2000

Permit By Rule Supplemental Table (Page 2)
Table B: Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
08/28/2024	O1533	RN100217405

Unit ID No.	PBR No.	Version No./Date
P-515	106.511	09/04/2000
U-422A	106.472	09/04/2000
U-422B	106.472	09/04/2000
U-422C	106.472	09/04/2000
U-422D	106.472	09/04/2000
U-422E	106.472	09/04/2000
PRPP-HTR	106.183	09/04/2000

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
08/28/2024	O1533	RN100217405

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
FEF-9	106.124	138665	Components are monitored per the sites leak detection and repair program.
HP PILOT PLT	106.124	138665	Maintain records of raw materials used and products produced in pilot plant.
	106.263		
	106.492		
LAB HOODS	106.124	138665	Maintain records of raw materials used and products produced in pilot plant.
	106.263		
TEMP BLR	106.183	152717	Measure and record amount of fuel used.
M-4	106.124	138665	Maintain records of raw materials used and products produced in pilot plant.
	106.263		
	106.492		
PRPPSOLV	106.454	76825	Inspect equipment and record data monthly to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F).
P-401A	106.511	159776	Maintain records of hours of operations
OVEN-1; OVEN-2; OVEN-3	106.495	123936	Maintain the 3 ovens authorized per manufacturer's guidance.
MSS	106.263	163002	Maintain a record of the maintenance activity.
DC-8	106.266	132055	Maintain the vacuum cleaning system per manufacturer's guidance
FLDRUM	106.261	167923	Records maintained on number of drums filled.

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
08/28/2024	O1533	RN100217405

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
DEGR1	106.454	11/01/2001	Inspect equipment and record data to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F).
DEGR2	106.454	11/01/2001	Inspect equipment and record data to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F).
DEGR3	106.454	11/01/2001	Inspect equipment and record data to ensure compliance with any applicable requirements in § 115.412(1)(A)-(F).
EP-12	106.263	11/01/2001	Maintain a record of the maintenance activity
EP-32A	106.472	09/04/2000	Maintain a record of the material stored
EP-35	106.263	11/01/2001	Maintain a record of the maintenance activity.
EP-36	106.263	11/01/2001	Maintain a record of the maintenance activity.
M-102	106.511	09/04/2000	Maintain records of hours of operation.
M-109	106.511	09/04/2000	Maintain records of hours of operation.
P-415	106.511	09/04/2000	Maintain records of hours of operation.

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date		Permit Number	Regulated Entity Number
08/28/2024		O1533	RN100217405

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
P-515	106.511	09/04/2000	Maintain records of hours of operation.
U-422A	106.472	09/04/2000	Maintain a record of the material stored
U-422B	106.472	09/04/2000	Maintain a record of the material stored
U-422C	106.472	09/04/2000	Maintain a record of the material stored
U-422D	106.472	09/04/2000	Maintain a record of the material stored
U-422E	106.472	09/04/2000	Maintain a record of the material stored
PRPP-HTR	106.183	09/04/2000	Maintain a record of fuel fired and hours of operation