

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, renewal, and reopening permit application 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: 102018322
CN: 600303614
Account No.: HG-0566H
Permit No.: O1315
Project No.: 38596
Area Name: Pasadena Plastics Complex
Company Name: Chevron Phillips Chemical Company LP
II. Certification Type <i>(Please mark appropriate box)</i>
<input type="checkbox"/> Responsible Official <input checked="" type="checkbox"/> Duly Authorized Representative
III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i>
<input type="checkbox"/> SOP/TOP Initial Permit Application <input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening
<input type="checkbox"/> GOP Initial Permit Application <input type="checkbox"/> Update to Permit Application
<input checked="" type="checkbox"/> Other: <u>Title V Permit FOP O1315/Project 38596 representations from December 8, 2025 to April 24, 2026</u>

Form OP-CRO1
Certification by Responsible Official
Federal Operating Permit Program
Texas Commission on Environmental Quality

All initial issuance, revision, and renewal permit application submittals requiring certification must be accompanied by this form. Updates to acid rain or CSAPR (other than public notice verification materials) must be certified prior to authorization of public notice for the draft permit.

IV. Certification of Truth	
This certification does not extend to information which is designated by TCEQ as information for reference only.	
I, <u>Catherine M. Gill</u>	certify that I am the <u>DAR</u>
<i>(Certifier Name printed or typed)</i>	<i>(RO or DAR)</i>
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: <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>	
Time Period: From <u>December 8, 2025</u>	to <u>April 24, 2026</u>
<i>(Start Date)</i>	<i>(End Date)</i>
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>
Signature: <u>Catherine M. Gill</u>	Signature Date: <u>4/24/26</u>
Title: <u>Plant Manager</u>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO emission rate	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: CO emissions exceeding the hourly emission limit referenced in the Maximum Allowable Emission Rate Table (MAERT) of current New Source Review (NSR) Permit Number 4437A.	
<p>Periodic Monitoring Text: Measure and record the hourly fuel usage. The hourly fuel usage and the CO emission factor referenced in the NSR Permit Number 4437A application, Project No. 303608, submitted on 6/28/2019 shall be used to calculate the average hourly CO emissions. The calculated average hourly CO emission rate for the source shall be compared to the hourly CO permit limit specified in the Maximum Allowable Emission Rate Table (MAERT) in NSR permit 4437A. If the average hourly CO emissions for the source exceeds the emission limit referenced in the MAERT this shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO concentration	
Minimum Frequency: Once every 2 years	
Averaging Period: N/A	
Deviation Limit: Maximum CO concentration = 400 ppmv @ 3% O ₂ , dry basis	
Periodic Monitoring Text: Measure and record the CO concentration in parts per million, by volume (ppmv), as part of the biennial tune-up of the process heater required by 40 CFR § 63.7540(a)(10)(i)-(vi) and (a)(11). Measurements may be taken using a portable CO analyzer. Any CO monitoring data that exceeds 400 ppmv @ 3% O ₂ , dry basis shall be considered and reported as a deviation.	

Gabriela Chio

From: Gabriela Chio
Sent: Friday, April 24, 2026 1:28 PM
To: 'Duplechin, Jackie S'
Cc: Escalante, Christine M; Pearson, Caroline E; Kaggal, Ravi V; tammy.hartmann@tricordconsulting.com
Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex **[**EXTERNAL**]**

Hi Jackie,

Thank you for the prompt submittal of the OP-CRO1. Yes, the address in my signature is correct and yes, please send to me. I also provided the mailing information below for your convenience, which is found on the TCEQ website here: [Where to Submit FOP Applications and Permit-Related Documents](#)

- **Send hard-copy updates and original OP-CRO1 to the permit reviewer at:**

- **Regular, Certified, Priority Mail:**

- Gabriela Chio
Texas Commission on Environmental Quality
Operating Permits Section (OPS), MC 163
P.O. Box 13087, Austin, Texas 78711-3087

- **Hand Delivery or Overnight Mail:**

- Gabriela Chio
Texas Commission on Environmental Quality
Air Permits Initial Review Team (APIRT), MC 161
12100 Park 35 Circle, Building C, Third Floor, Austin, Texas 78753
Phone: (512) 239-1250

Note: Coordinate hand deliveries by calling the receptionist at 512-239-1250 during normal workdays from 8:00 AM to 5:00 PM, Monday – Friday, Central Standard Time.

Best,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Duplechin, Jackie S <jackie.duplechin@cpchem.com>
Sent: Friday, April 24, 2026 1:17 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; tammy.hartmann@tricordconsulting.com
Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [**EXTERNAL**]

Good afternoon Gaby,

Thanks for getting back to us with that response. CPChem approves of the WDP sent today, April 24, 2026 and has attached the copy of wet signature OP-CRO1 that we will put in the mail today.

Can you confirm I can send it to the address in your email signature and should I send it to your attention?

Thanks,

Jackie Duplechin
(dupe-luh-shen)
Environmental Engineer
Chevron Phillips Chemical Company LP – Pasadena
Mobile: 337.263.1095
Office: 713.475.3725

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Sent: Friday, April 24, 2026 12:46 PM
To: Duplechin, Jackie S <jackie.duplechin@cpchem.com>
Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; tammy.hartmann@tricordconsulting.com
Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [**EXTERNAL**]

Good afternoon,

Title V management has reviewed CPChem's proposed draft PM tables and concluded that we will move forward with CPChem's proposed PM tables sent on April 20, 2026. However, we wanted to make you aware that if the applicant receives an EPA objection, the applicant will probably be required to revise the PM language to make the deviation limit and emission factors more specific.

Attached is the final draft of the PM tables and the WDP courtesy copy for your records. The updated PM tables for Unit IDs 1010 and 1011 were added to WDP pages 237 – 240. Please provide a response on only the WDP updates by **COB today April 24, 2026.**

Please certify all application updates using an OP-CRO1 form, submitted either through STEERS or email by **COB Monday April 27, 2026**, at the latest. Please provide a 'Time Period' to certify all updates up to this point. If you email the OP-CRO1, please follow-up with a mailed hardcopy of the original signature OP-CRO1 form.

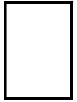
We are targeting to send the PNAP next week or as soon as possible.

Let me know if you have any questions.

Best,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Gabriela Chio

Sent: Monday, April 20, 2026 2:56 PM

To: 'Duplechin, Jackie S' <jackie.duplechin@cpchem.com>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; tammy.hartmann@tricordconsulting.com

Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [****EXTERNAL****]

Hi Jackie,

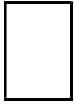
Thank you for your prompt response. I have sent your response and proposed PM tables to my section manager, Rhyan, and monitoring specialist, Alfredo, for their review. It is likely that CPChem's proposed PM tables will need to be sent up to upper management for review, above Rhyan and Alfredo. I will provide an update once I receive a response on my end.

Best,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163

Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Duplechin, Jackie S <jackie.duplechin@cpchem.com>
Sent: Monday, April 20, 2026 2:30 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; tammy.hartmann@tricordconsulting.com
Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [****EXTERNAL****]

Thank you Gaby for sending this along and taking the time to review.

While CPChem understands the scrutiny that the TCEQ is receiving on Title V Monitoring, we believe that our proposed language addresses deviation limits for this Periodic Monitoring directly.

Regarding the deviation Limit, we would like to maintain our proposed language. Our statement references to the “current” NSR Permit which means that this deviation limit statement will always be accurate and reflective of the most recent NSR update. This ensures that the deviation limit continues to be explicit and accurate for this monitoring condition. In addition, any exceedance of the MAERT is considered a Title V deviation currently.

Regarding the Periodic Monitoring Text: Emission factors are submitted within the NSR Permit applications under confidential cover. We have updated our language to include the date and project number of the NSR submittal which points specifically to a version of NSR application where that factor was approved. The deviation limit for monitoring is a violation of the MAERT not the emissions factor. Please see our proposed updated language attached.

Please let us know if you would like to have a call to discuss these changes.

Thanks,

Jackie Duplechin
(dupe-luh-shen)
Environmental Engineer
Chevron Phillips Chemical Company LP – Pasadena
Mobile: 337.263.1095
Office: 713.475.3725

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Sent: Monday, April 20, 2026 10:04 AM
To: tammy.hartmann@tricordconsulting.com

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Duplechin, Jackie S <jackie.duplechin@cpchem.com>

Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [****EXTERNAL****]

Good morning,

The monitoring specialist, Alfredo, has completed his review of CPChem's response and draft PM tables. Please review his response below and the attached draft PM table and provide a response by **3:00pm today April 20, 2026**.

Please also certify all updates by submitting an OP-CRO1 by **3:00pm tomorrow April 21, 2026**.

He has made proposed edits to the PM language for the CO emission rate. Please see the attached draft PM table. He edited the language to specify the exact values for the CO lb/hr limit, and the emissions factors used in the calculations that CPChem provided. Since more public comments are being received regarding difficulty in finding the underlying NSR application information for emission calculations, the periodic monitoring language should specify these values directly. If the NSR permits are revised to where the emission factors change, which Alfredo does not think happens that often, then the applicant would be required to revise the Title V permit to revise the deviation limit as appropriate. This is drawing scrutiny from the public regarding vague or unenforceable permit conditions. The deviation limits should be as explicit as possible to reflect current operating conditions. We may have approved this type of language in the past, but we are getting increased scrutiny from the public and EPA regarding monitoring sufficiency in permits and lack of specificity.

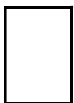
Once CPChem approves the PM tables, I will send an updated courtesy WDP copy for your records and proceed with prepping the PNAP.

Please let me know if you have any questions.

Best,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Gabriela Chio

Sent: Friday, April 17, 2026 3:08 PM

To: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V

<ravi.kaggal@cpchem.com>; Duplechin, Jackie S <jackie.duplechin@cpchem.com>

Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

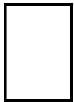
Good afternoon,

I wanted to let you know that Alfredo, the monitoring specialist, is still reviewing the provided information submitted on April 15. I will notify you once I receive a final response.

Best,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Sent: Wednesday, April 15, 2026 10:43 AM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Duplechin, Jackie S <jackie.duplechin@cpchem.com>; Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Subject: Re: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good morning Ms. Chio,

On behalf of CP Chem Pasadena, please see our responses to your questions below.

There is some additional information that is needed. Please submit the following items below and certify the recent periodic monitoring update and all other application updates using an OP-CRO1 by COB April 16, 2026, or sooner, in order to proceed to public notice. The certification dates should include dates for application updates from December 8, 2025 to the date you respond with the requested additional PM items.

- Please confirm that the updates in the attached Word document are acceptable. Once we receive confirmation, we'll follow up with the signed OP-CRO1.

Provide both the CO emission factor used in the calculation and the specific CO emission rate in lb/hr, as these should be specified. In light of recent public comments on emission calculations, these values

should be specified to avoid comments from the public and EPA during their review periods. These values were highlighted in the PM table.

- Please see attached pdf.

Provide an emission calculation that demonstrates that the CO lb/hr limit in the NSR permit would be below the CO emission rate at a concentration of 400 ppmv. This calculation will not go into the PM table; however, it is the basis for justification and must be part of the permit record. This is important due to the increased scrutiny from the public on monitoring sufficiency in Title V permits. The information provided will be used to write the justification for the Statement of Basis.

- Please see attached pdf.

It was noted that the applicant used bi-annual monitoring for the CO concentration. Bi-annual means twice a year or once every 6 months. Alfredo believes the applicant meant biennial which means once every 2 years. The tune-up requirements in MACT DDDDD are one a year, once every 2 years, or once every 5 years depending on the heat input capacity of the boiler or process heater. The word bi-annual was changed to biennial. Please confirm if "biennial" is correct.

- We confirm that "biennial" is correct (every 2 years).

Please note: Even though the applicant included both heaters on one OP-MON table, the monitoring will be displayed separately for each process heater (Unit IDs 1010 and 1011).

- Noted.

Have a great day,

Tammy Hartmann

TRICORD CONSULTING, LLC

945 McKinney St., Ste 389

Houston, TX 77002

Cell: [\(832\) 512-7657](tel:8325127657)

E-mail: tammy.hartmann@tricordconsulting.com

Web: www.TRICORDconsulting.com [tricordconsulting.com]



[[linkedin.com](#)]

On Mon, Apr 13, 2026 at 2:05 PM Gabriela Chio <Gabriela.Chio@tceq.texas.gov> wrote:

Good afternoon,

The monitoring specialist, Alfredo Mendoza, has completed his review of the proposed 30 TAC Chapter 117, Subchapter B case-by-case periodic monitoring update. Attached are the drafted PM tables. For clarity, he has separated the monitoring into two separate tables, one for calculating the CO emission

rate on an annual basis and the second table is for measuring CO concentration once every 2 years as specified in 40 CFR Part 63, Subpart DDDDD. Periodic monitoring requires at least one parameter to be monitored once per year; therefore, the annual CO emission rate calculation and biennial CO concentration measurement will provide a reasonable assurance of compliance.

There is some additional information that is needed. Please submit the following items below and certify the recent periodic monitoring update and all other application updates using an OP-CRO1 by **COB April 16, 2026**, or sooner, in order to proceed to public notice. The certification dates should include dates for application updates from December 8, 2025 to the date you respond with the requested additional PM items.

1. Provide both the CO emission factor used in the calculation and the specific CO emission rate in lb/hr, as these should be specified. In light of recent public comments on emission calculations, these values should be specified to avoid comments from the public and EPA during their review periods. These values were highlighted in the PM table.
2. Provide an emission calculation that demonstrates that the CO lb/hr limit in the NSR permit would be below the CO emission rate at a concentration of 400 ppmv. This calculation will not go into the PM table; however, it is the basis for justification and must be part of the permit record. This is important due to the increased scrutiny from the public on monitoring sufficiency in Title V permits. The information provided will be used to write the justification for the Statement of Basis.
3. It was noted that the applicant used bi-annual monitoring for the CO concentration. Bi-annual means twice a year or once every 6 months. Alfredo believes the applicant meant biennial which means once every 2 years. The tune-up requirements in MACT DDDDD are one a year, once every 2 years, or once every 5 years depending on the heat input capacity of the boiler or process heater. The word bi-annual was changed to biennial. Please confirm if “biennial” is correct.

Please note:

4. Even though the applicant included both heaters on one OP-MON table, the monitoring will be displayed separately for each process heater (Unit IDs 1010 and 1011).

Please let me know if you have any questions.

Thank you,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087, MC 163

Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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

From: Gabriela Chio

Sent: Friday, April 3, 2026 12:03 PM

To: 'Tammy Hartmann' <tammy.hartmann@tricordconsulting.com>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Duplechin, Jackie S <jackie.duplechin@cpchem.com>

Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Hi Tammy,

Thank you for the information provided and for taking time to review 30 TAC Chapter 122. I forwarded CPChem's evaluation to management earlier this morning and they concluded that we are going to move forward with incorporating the case-by-case PM update into this renewal and WDP. A monitoring specialist will review the OP-MON. I will notify you as soon as possible of their evaluation and if additional information is needed from the applicant.

Best,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

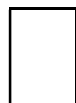
Texas Commission on Environmental Quality

P.O. Box 13087, MC 163

Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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

From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Sent: Friday, April 3, 2026 10:03 AM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Duplechin, Jackie S <jackie.duplechin@cpchem.com>; Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Subject: Re: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good morning Ms. Chio,

Thank you for the opportunity to discuss the Title V permit renewal for CPChem Pasadena on April 2, 2026. This email follows up on our conversation regarding the proposed periodic monitoring updates for Unit IDs 1010 and 1011 (Catalyst Activators). The proposed updates are summarized below.

Summary of Requested Changes (Unit IDs: 1010 & 1011)

Feature	Current Requirement (WDP)	Proposed Update
Indicator	CO Concentration	Hourly Fuel Usage
Averaging Period	Block one-hour average	Hourly
Methodology	Annual portable analyzer test (§117.8120)	Calculated CO emissions via fuel usage & emission factors

While we understand the TCEQ's preference to finalize the Working Draft Permit (WDP) as reviewed, we feel there is a high probability that these changes could be classified as a Significant Revision based on our review of 30 TAC Chapter 122. If so, a separate application would require a second, redundant public notice period—an outcome that would be inefficient for both the TCEQ and CPChem.

Regulatory Analysis & Concerns

Per the TCEQ's guidance to review 30 TAC Chapter 122, we have identified the following conflicts that suggest these changes may not qualify as a Streamlined Revision:

- **Significant Change to Monitoring (§122.215(2) and §122.219(b)):** CPChem is requesting to change the monitoring indicator from direct CO concentration to fuel usage/emission factor calculations. Under §122.219(b), any "significant change in existing monitoring permit terms" must be processed as a Significant Revision.
- **Case-by-Case Determinations (§122.215(3)):** This request requires the submission of **Form OP-MON Table 1c** (*CAM/PM Case-by-Case Additions*). Because this involves a source-specific determination for monitoring adequacy, it falls outside the scope of a Streamlined Revision.
- **Potential Relaxation of Requirements (§122.219(b)):** The shift in monitoring methodology could be interpreted as a relaxation of the current recordkeeping frequency or stringency, which explicitly triggers Significant Revision procedures.

Request for Inclusion in Current Renewal

If these changes are processed after the renewal is issued, the site will likely face a second Public Notice period shortly after the first. Including these updates in the current TCEQ Project 38596 allows for a single, comprehensive public comment period.

We respectfully request that the TCEQ reconsider incorporating these periodic monitoring updates into the current working draft and extend the deadline for the OP-CRO1 certification submission until after receiving a response to this request. We are available to discuss if needed.

Thank you for your time and consideration.

Have a great day,

Tammy Hartmann

TRICORD CONSULTING, LLC

945 McKinney St., Ste 389

Houston, TX 77002

Office and Fax: [\(888\) 900-0746 x 744](tel:(888)900-0746)

Cell: [\(832\) 512-7657](tel:(832)512-7657)

E-mail: tammy.hartmann@tricordconsulting.com

Web: www.TRICORDconsulting.com [tricordconsulting.com]



[\[linkedin.com\]](#)

On Thu, Apr 2, 2026 at 9:21 AM Gabriela Chio <Gabriela.Chio@tceq.texas.gov> wrote:

Good morning all,

Thank you for meeting with me and my team leader, Robert Hunter. As mentioned in the Teams meeting, we will work to schedule a meeting that includes the Title V section manager, a monitoring specialist, Robert and I to identify the path forward for the case-by-case monitoring update. We will send the Teams Meeting invite as soon as we figure out everyone's availability for this afternoon on our end.

Best,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087, MC 163

Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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

From: Gabriela Chio

Sent: Wednesday, April 1, 2026 1:44 PM

To: 'Tammy Hartmann' <tammy.hartmann@tricordconsulting.com>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Duplechin, Jackie S <jackie.duplechin@cpchem.com>

Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good afternoon,

Yes, of course. I am available until 3:30 today if you would like to call today. I am available 8am-10:30am tomorrow. I will be out of office tomorrow starting at 11am and will return on Friday April 3rd.

Please let me know if today or tomorrow morning works for you.

Best,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087, MC 163

Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Sent: Wednesday, April 1, 2026 1:38 PM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Duplechin, Jackie S <jackie.duplechin@cpchem.com>

Subject: Re: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good afternoon Ms. Chio,

Would you happen to be available for a brief call with CPChem either this afternoon or tomorrow? Please let us know your availability and we'll be sure to work around your schedule. Thank you.

Have a great day,

Tammy Hartmann

TRICORD CONSULTING, LLC

945 McKinney St., Ste 389

Houston, TX 77002

Office and Fax: [\(888\) 900-0746 x 744](tel:(888)900-0746)

Cell: [\(832\) 512-7657](tel:(832)512-7657)

E-mail: tammy.hartmann@tricordconsulting.com

Web: www.TRICORDconsulting.com [tricordconsulting.com]



[[linkedin.com](#)]

On Wed, Apr 1, 2026 at 11:28 AM Gabriela Chio <Gabriela.Chio@tceq.texas.gov> wrote:

Good morning,

Thank you for your comments and the helpful highlighted citations. Attached is the updated WDP with the bullet items completed. Please review the WDP updates and provide a response by **COB April 3, 2026**.

- MONMTNCVNT citations §63.2525(p) and §63.2520(e)(14) were corrected to include the “[G]” portion in the Applicable Requirements Summary table as that was the portion missing.
- Units P6-V-1, P6-V-15, P7-V-1, P7-V-16, P7-V-17, P8-V-1, and P8-V-15 were added to GRPPEG1BPV for MACT FFFF as well since those were missing as shown in the Unit Summary table.
- The MACT FFFF citations were corrected for GRPPEG1CPV and PE7-PV. The updated WDP sent on 03/23/2026 contains the correct MACT FFFF citations for PE6-PV and PE8-PV provided in the OP-REQ3 and comments from 02/27/2026 and match the citations provided on 03/31/2026.

Title V Management has reviewed your request to include the new revision listed on the new OP-2 to update the case-by-case Periodic Monitoring (PM) and they stated that the new case-by-case PM request is not related to the most recent comments on the previous WDP. The applicant will need to submit a new project to update the case-by-case PM.

At this time, please also **certify all application updates** emailed to me (from December 8, 2025 to “WDP approval date”) by the above deadline of **COB April 3, 2026**. You may certify updates using one of the following:

- Submit an OP-CRO1 form in Title V STEERS, e-signed by the RO/DAR
- Email an original signature OP-CRO1 form to me and follow-up with a mailed hardcopy original signature OP-CRO1 form to me.

Please let me know if you have any questions or if there are delays with certification.

Take care,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

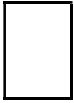
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Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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

From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>
Sent: Tuesday, March 31, 2026 2:16 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Tammy Hartmann <tammy.hartmann@tricordconsulting.com>
Subject: Re: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good afternoon,

On behalf of CPChem, please find our comments below on the Working Draft Permit below:

- MONMTNCVNT: The citations in the Applicable Requirements Summary are incorrect for the recordkeeping and reporting. Please update to reflect [G]§63.2525(p) and [G]§63.2520(e)(14), respectively.
- As noted in our previous response, the Unit IDs listed in the Unit Summary table for GRPPEG1BPV are inconsistent and some are missing. For clarification, please include all of the following Unit IDs under GRPPEG1BPV: *This was updated correctly in the Unit Summary table for 30 TAC Chapter 115, Vent Gas Controls, but not for 40 CFR Part 63, Subpart FFFF. Please also update for Subpart FFFF.*

- P6-V-1
- P6-V-15
- P6-V-16
- P7-V-1
- P7-V-16
- P7-V-17

- P8-V-1
- P8-V-14
- P8-V-15
- P8-V-16
- P8-V-17

• As noted in our previous response, for the Unit IDs listed below, the MON citation-level applicability was not updated as requested on OP-REQ3 Table 1. Please update.

○ GRPPEG1CPV; PE6-PV; PE7-PV; PE8-PV *Citations were not updated correctly for these Unit/Group IDs (see highlighted citations below)*

GRPPEG1CPV PE6-PV PE7-PV PE8-PV	63FFFF- G1CPV	§63.2455(a)- Table 1.1.a.ii §63.11(b) §63.2450(b) [G]§63.2450(e)(4) §63.2450(e)(6)(iii) §63.2455(a) §63.2455(b) §63.2455(b)(1) §63.982(b) §63.983(a)(1) §63.983(a)(2) §63.983(d)(1) §63.983(d)(1)(i) [G]§63.983(d)(2) §63.983(d)(3) §63.987(a) §63.987(b)(1) §63.987(b)(3) [G]§63.997(c)(1) §63.997(c)(3)	[G]§63.115(d)(2)(v) §63.115(d)(3)(iii) §63.983(b) [G]§63.983(b)(1) [G]§63.983(b)(2) [G]§63.983(b)(3) [G]§63.983(c)(1) §63.983(c)(2) §63.983(c)(3) §63.983(d)(1) §63.983(d)(1)(ii) [G]§63.987(b)(3)(i) §63.987(b)(3)(ii) (iv) §63.987(e) §63.997(a) [G]§63.997(c)(1) §63.997(c)(2) §63.997(c)(3)(i) (ii)	§63.2450(f)(2) §63.2450(f)(2)(i) §63.2450(f)(2)(ii) [G]§63.2525(n) §63.983(b) [G]§63.983(d)(2) §63.987(b)(1) §63.987(c) §63.998(a)(1) [G]§63.998(a)(1)(i) §63.998(a)(1)(ii) §63.998(a)(1)(iii)(A) §63.998(a)(1)(iii)(B) [G]§63.998(b)(1) [G]§63.998(b)(2) [G]§63.998(b)(3) [G]§63.998(b)(5) [G]§63.998(d)(1) §63.998(d)(3)(i) §63.998(d)(3)(ii) §63.998(d)(5)	§63.2450(f) §63.2450 [G]§63.2520 §63.987(b) §63.997(c) §63.998(a)(1) [G]§63.998 [G]§63.999 [G]§63.999 §63.999(b) §63.999(c) §63.999(c) §63.999(c) §63.999(c) [G]§63.999 §63.999(c) [G]§63.999 [G]§63.999
--	------------------	--	---	--	---

- Please see the attached updated Form OP-MON. We are requesting an update as noted in the attached revised Form OP-2 Table 2.

Please let us know if you have any questions.

Have a great day,

Tammy Hartmann

TRICORD CONSULTING, LLC

945 McKinney St., Ste 389

Houston, TX 77002

Office and Fax: [\(888\) 900-0746 x 744](tel:(888)900-0746)

Cell: [\(832\) 512-7657](tel:(832)512-7657)

E-mail: tammy.hartmann@tricordconsulting.com

Web: www.TRICORDconsulting.com [tricordconsulting.com]



[\[linkedin.com\]](#)

On Tue, Mar 24, 2026 at 9:03 AM Gabriela Chio <Gabriela.Chio@tceq.texas.gov> wrote:

Good morning Tammy,

Yes, please provide a response to the WDP updates and certify all application updates by **COB April 1, 2026, or as soon as possible.**

Best,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087, MC 163

Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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

From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>
Sent: Monday, March 23, 2026 5:11 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>
Subject: Re: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good afternoon Ms. Chio,

May we request an extension until April 1st for our response? We have some folks that are tied up this week and need a little more time to conduct a final review of the WDP. Thank you.

Have a great day,

Tammy Hartmann

TRICORD CONSULTING, LLC

945 McKinney St., Ste 389

Houston, TX 77002

Office and Fax: [\(888\) 900-0746 x 744](tel:(888)900-0746)

Cell: [\(832\) 512-7657](tel:(832)512-7657)

E-mail: tammy.hartmann@tricordconsulting.com

Web: www.TRICORDconsulting.com [tricordconsulting.com]



[linkedin.com]

On Mon, Mar 23, 2026 at 1:39 PM Gabriela Chio <Gabriela.Chio@tceq.texas.gov> wrote:

Good afternoon,

Thank you again for providing the requested information and for your patience. The manual citation changes for MACT FFFF for GRPCLTWR, GRPPEG1BPV, GRPPEG1CPV, PE6-PV, PE7-PV, PE8-PV, PROPE6MCPU, PROPE7MCPU, PROPE8MCPU and for NSPS DDD for PROPE8DDD, SOP Index Number 60DDDAMOC216 have been approved by the technical specialist and were updated in the WDP. All comments from February 27, 2026, and March 6, 2026, have been resolved and completed in the WDP.

Please review the WDP updates and provide a response on the updated WDP by **COB March 25, 2026**. Since this is a follow-up review to the previously submitted and reviewed WDP, only comments concerning changes since the last WDP may be considered by TCEQ. Any comments outside the scope of the most recent changes should be submitted as a separate project.

At this time, please also **certify all application updates** emailed to me (from December 8, 2025 to March 6, 2026) by submitting an OP-CRO1 form in Title V STEERS, e-signed by the RO/DAR by the above deadline of **COB March 25, 2026**.

Alternatively, you may email an original signature OP-CRO1 form to me and follow-up with a mailed hardcopy original signature OP-CRO1 form to me.

Please notify me if there are any delays with certifying application updates.

Thanks,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

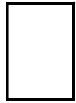
Texas Commission on Environmental Quality

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Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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

From: Gabriela Chio

Sent: Friday, March 6, 2026 1:24 PM

To: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>

Subject: RE: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good afternoon,

Received and thank you. The citation change requests will be reviewed. I will notify you once the technical specialist completes their review and will send an updated WDP.

Best,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

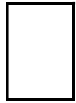
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gabriela.chio@tceq.texas.gov



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

From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Sent: Friday, March 6, 2026 1:01 PM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Subject: Re: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good afternoon,

Please refer to the responses below for the detailed justifications or reasons for each citation change request for MACT FFFF:

• GRPCLTWR: Per §63.2490(d), beginning August 12, 2023, the requirements of § 63.104 as specified in Table 10 to this subpart and paragraphs (b) and (c) of this section no longer apply. Instead, you must monitor the cooling water for the presence of total strippable hydrocarbons that indicate a leak according to paragraph (d)(1) of this section, and if you detect a leak, then you must repair it according to paragraphs (d)(2) and (3) of this section, unless repair is delayed according to paragraph (d)(4) of this section.

○ Therefore, we are requesting removal of the citations below from the Applicable Requirements Summary table:

- §63.2490(a)-Table 10
- §63.2490(b)
- §63.2490(c)
- §63.104(a)
- [G]§63.104(b)
- [G]§63.104(d)
- §63.104(e)
- §63.104(e)(1)
- [G]§63.104(e)(2)
- [G]§63.104(f)(1)
- [G]§63.104(f)(2)

○ We are requesting the addition of the citations below to the Applicable Requirements Summary table, as these are applicable effective on/after August 12, 2023:

- [G]§63.2490(d)
- §63.2490(e)
- §63.2520(e)(16)
- §63.2525(r)

• GRPPEG1BPV: Per §63.2450(e)(5), beginning August 12, 2023, paragraphs (e)(2) and (f) of this section no longer apply to flares used to control emissions from MCPUs that produce olefins or polyolefins. Instead, if you reduce organic HAP emissions by venting emissions through a closed-vent system to a steam-assisted, air-assisted, non-assisted, or pressure-assisted multi-point flare that is used to control emissions from an MCPU that produces olefins or polyolefins, then you must meet the applicable requirements for flares as specified in §§ 63.670 and 63.671 of subpart CC, including the provisions in Tables 12 and 13 to subpart CC of this part, except as specified in paragraphs (e)(5)(i) through (xiii) of this section.

○ Therefore, we are requesting removal of the citations below from the Applicable Requirements Summary table:

- §63.2450(f)(2)
- §63.2450(f)(2)(i)-(ii)
- §63.11(b)

- §63.987(a)
- §63.987(b)(1)
- §63.987(b)(3)
- [G]§63.987(b)(3)(i)
- §63.987(b)(3)(ii)-(iv)
- §63.987(c)
- §63.997(a)
- [G]§63.997(c)(1)
- §63.997(c)(2)-(3)
- §63.997(c)(3)(i)-(ii)
- §63.998(a)(1)
- [G]§63.998(a)(1)(i)
- §63.998(a)(1)(ii)
- §63.998(a)(1)(iii)(A)-(B)
- [G]§63.998(b)(1)-(2)
- [G]§63.998(b)(3)
- [G]§63.998(b)(5)
- [G]§63.998(c)(1)
- [G]§63.999(a)(1)-(2)
- §63.999(b)(5)
- §63.999(c)(1)
- §63.999(c)(3)
- §63.999(c)(6)
- [G]§63.999(c)(6)(i)
- §63.999(c)(6)(iv)
- [G]§63.999(d)(1)-(2)

○ We are requesting the addition of the citations below to the Applicable Requirements Summary table, as these are applicable effective on/after August 12, 2023:

- [G]§63.2450(e)(4)
- §63.2450(e)(6)(iii)
- [G]§63.2520(e)(12)
- [G]§63.2525(n)

- GRPPEG1CPV, PE6-PV, PE7-PV, PE8-PV: Per §63.2450(e)(5), beginning August 12, 2023, paragraphs (e)(2) and (f) of this section no longer apply to flares used to control emissions from MCPUs that produce olefins or polyolefins. Instead, if you reduce organic HAP emissions by

venting emissions through a closed-vent system to a steam-assisted, air-assisted, non-assisted, or pressure-assisted multi-point flare that is used to control emissions from an MCPU that produces olefins or polyolefins, then you must meet the applicable requirements for flares as specified in §§ 63.670 and 63.671 of subpart CC, including the provisions in Tables 12 and 13 to subpart CC of this part, except as specified in paragraphs (e)(5)(i) through (xiii) of this section.

○ Therefore, we are requesting removal of the citations below from the Applicable Requirements Summary table:

- §63.2450(f)(2)
- §63.2450(f)(2)(i)-(ii)
- §63.11(b)
- §63.987(a)
- §63.987(b)(1)
- §63.987(b)(3)
- [G]§63.987(b)(3)(i)
- §63.987(b)(3)(ii)-(iv)
- §63.987(c)
- §63.997(a)
- [G]§63.997(c)(1)
- §63.997(c)(2)-(3)
- §63.997(c)(3)(i)-(ii)
- §63.998(a)(1)
- [G]§63.998(a)(1)(i)
- §63.998(a)(1)(ii)
- §63.998(a)(1)(iii)(A)-(B)
- [G]§63.998(b)(1)-(2)
- [G]§63.998(b)(3)
- [G]§63.998(b)(5)
- [G]§63.998(c)(1)
- [G]§63.999(a)(1)-(2)
- §63.999(b)(5)
- §63.999(c)(1)
- §63.999(c)(3)
- §63.999(c)(6)
- [G]§63.999(c)(6)(i)
- §63.999(c)(6)(iv)

- [G]§63.999(d)(1)-(2)
- We are requesting the addition of the citations below to the Applicable Requirements Summary table, as these are applicable effective on/after August 12, 2023:
 - [G]§63.2450(e)(4)
 - §63.2450(e)(6)(iii)
 - [G]§63.2520(e)(12)
 - [G]§63.2525(n)
- PROPE6MCPU, PROPE7MCPU, PROPE8MCPU: We are requesting the addition of the citation below to the standards listed in the Applicable Requirements Summary table, as this is applicable effective on/after August 12, 2023:
 - §63.2450(u) General duty. Beginning no later than the compliance dates specified in § 63.2445(g), at all times, you must operate and maintain any affected source, including associated air pollution control equipment and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. The general duty to minimize emissions does not require you to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved. Determination of whether a source is operating in compliance with operation and maintenance requirements will be based on information available to the Administrator which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.

Have a great day,

Tammy Hartmann

TRICORD CONSULTING, LLC

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Office and Fax: [888\) 900-0746 x 744](tel:8889000746)

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[linkedin.com]

On Wed, Mar 4, 2026 at 2:44 PM Gabriela Chio <Gabriela.Chio@tceq.texas.gov> wrote:

Hi Tammy,

Thank you. For the manual citation change requests for MACT FFFF, it is understood that manual citation changes are being requested due to updates to the rule, but please specify more detailed justification in relation to the rule text. The technical specialist will need more detailed justifications for the MACT FFFF citation change requests. Please send the justifications by **COB March 6, 2026**.

For clarity and as an example, in the past renewal Project 23371 for this permit O1315, for unit 900, the applicant provided the following justification for the removal of related standard citation 60.482-9(f): "Remove 60.482-9(f) from the entry for flanges or other connectors. This citation applies to pumps and valves, not flanges or connectors."

Please let me know if you have any questions.

Thanks,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

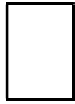
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Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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

From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>
Sent: Tuesday, March 3, 2026 1:56 PM
To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>
Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Tammy Hartmann <tammy.hartmann@tricordconsulting.com>
Subject: Re: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good afternoon,

Please refer to the responses below for the detailed justifications or reasons for each citation change request.

Manual citation change requests for MACT FFFF for GRPCLTWR, GRPPEG1BPV, GRPPEG1CPV, PE6-PV, PE7-PV, PE8-PV, PROPE6MCPV, PROPE7MCPV, PROPE8MCPV:

Chevron Phillips Chemical is updating the applicable citations under 40 CFR 63 Subpart FFFF to be consistent with the latest rule updates (the Risk and Technology Review (RTR) rule updates were published on August 12, 2020, and the rule reconsideration updates were published on April 4, 2024). The TCEQ has not yet updated the flowcharts and UA forms to reflect the updated rule.

Manual citation change requests for NSPS DDD for PROPE8DDD:

Chevron Phillips Chemical is updating the applicable citations under Process ID PROPE8DDD to reflect that the monitoring/testing and recordkeeping requirements in AMOC

216 were approved in lieu of the following requirements in NSPS DDD (monitoring/testing [G]§60.564(b), [G]§60.564(c), [G]§60.564(d); recordkeeping §60.565(f)(3)).

Please let us know if you need additional information.

Have a great day,

Tammy Hartmann

TRICORD CONSULTING, LLC

945 McKinney St., Ste 389

Houston, TX 77002

Office and Fax: [888\) 900-0746 x 744](tel:8889000746)

Cell: [832\) 512-7657](tel:8325127657)

E-mail: tammy.hartmann@tricordconsulting.com

Web: www.TRICORDconsulting.com [tricordconsulting.com]



[\[linkedin.com\]](#)

On Tue, Mar 3, 2026 at 10:16 AM Gabriela Chio <Gabriela.Chio@tceq.texas.gov> wrote:

Good morning,

Thank you for your responses. I have completed the requested updates, but additional information is still needed.

For the manual citation change requests for MACT FFFF for GRPCLTWR, GRPPEG1BPV, GRPPEG1CPV, PE6-PV, PE7-PV, PE8-PV, PROPE6MCPV, PROPE7MCPV, PROPE8MCPV and for NSPS DDD for PROPE8DDD, please provide more detailed justifications or reasons for each

citation change request by **COB March 5, 2026**. Citation change requests and justifications will need to be reviewed by our technical specialist.

Best,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087, MC 163

Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Sent: Friday, February 27, 2026 12:22 PM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; R6AirPermitsTX@epa.gov; R12APDMail <R12APDMail@tceq.texas.gov>

Subject: Re: Working Draft Permit -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

Good morning Ms. Chio,

On behalf of Ms. Caroline Pearson at Chevron Phillips Chemical Pasadena, we are pleased to provide the following responses and comments on the O1315 Working Draft Permit.

Resubmit the full OP-PBR SUP with the following corrections:

OP-REQ1, pg. 89 lists the following PBRs: 106.227, 106.261, 106.262, 106.263, 106.393, 106.472, 106.511, 106.512, 106.532, and standard exemption (SE) 5. The PBRs listed on OP-REQ1, pg. 89 must be listed on the OP-PBR SUP form. It appears SE 5 is not listed in the OP-PBR SUP form. Please resubmit the full OP-PBR SUP with SE 5 listed or resubmit the OP-REQ1, pg.89 if SE 5 should be removed.

- Please see the attached updated OP-REQ1, pg. 89.

In Table D, please list the PBR registration number under the “Version No./Date Or Registration No.” column for units that have registered PBRs. For example, in Table D’s “Version No./Date Or Registration No.” column, PBR registration no. 118227 should be listed for PBRs 106.261 and 106.262 for unit 901. For units that do not have a PBR registration numbers, the version no./date can remain.

- Please see the attached updated OP-PBR SUP.

Please note: All new and existing permit shields were reviewed. For unit ENGWTRWELL, the Basis of Determination in the Permit Shield table was updated to include the “construction, modification, reconstruction” language as that was missing and is needed in order for the permit shield to be valid.

- Thank you for bringing this to our attention.

Please find our comments on the Working Draft Permit below.

- Please update the description for Unit ID “A183228-P7” as requested in renewal application [PLANT 7 DEETHANIZER COLUMN ANALYZER (COMMON VENT)]
- Unit IDs 308 and 408 are missing MON applicability as requested in renewal application. Please add.
- Unit IDs 900 and 901: It appears the MON high-level fugitive applicability was erroneously added to Unit IDs 900 and 901. Please remove the MON applicability and add MON permit shields (see attached updated OP-2 Table 2, OP-REQ3 Table 2 and OP-REQ2).
- The Unit IDs listed in the Unit Summary table for GRPPEG1BPV are inconsistent and some are missing. For clarification, please include all of the following Unit IDs under GRPPEG1BPV:
 - P6-V-1
 - P6-V-15
 - P6-V-16

- P7-V-1
 - P7-V-16
 - P7-V-17
 - P8-V-1
 - P8-V-14
 - P8-V-15
 - P8-V-16
 - P8-V-17
- UNIT ID “AI-53199” was not updated to “AI-59122-P8” as requested in renewal application. Please update.
 - UNIT ID “AI-63199” was not updated to “AI-69122-P8” as requested in renewal application. Please update.
 - The 115 Vent Gas SOP Index Number for GRPOLYVNT1 was incorrectly updated. Please update the SOP Index Number to R5121-3.
 - Please update the description for Unit ID PE8-PV to “PE8 PROCESS VENT HEADER TO FLARE”
 - For the Unit IDs listed below, the MON citation-level applicability was not updated as requested on OP-REQ3 Table 1. Please update.
 - GRPCLTWR
 - GRPPEG1BPV
 - GRPPEG1CPV
 - PE6-PV
 - PE7-PV
 - PE8-PV
 - PROPE6MCPU
 - PROPE7MCPU
 - PROPE8MCPU
 - Unit ID PROPE8DDD, SOP Index Number 60DDDAMOC216: Please update the NSPS DDD applicability as shown on OP-REQ3 Table 1.

Have a great day,

Tammy Hartmann

TRICORD CONSULTING, LLC

945 McKinney St., Ste 389

Houston, TX 77002

Office and Fax: [888\) 900-0746 x 744](tel:8889000746)

Cell: [832\) 512-7657](tel:8325127657)

E-mail: tammy.hartmann@tricordconsulting.com

Web: www.TRICORDconsulting.com [tricordconsulting.com]



[linkedin.com]

On Fri, Jan 30, 2026 at 4:45 PM Gabriela Chio <Gabriela.Chio@tceq.texas.gov> wrote:

Good afternoon,

I have conducted a technical review of renewal application for Chevron Phillips Chemical Company LP, Pasadena Plastics Complex. An electronic copy of the Working Draft Permit (WDP) is attached 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 on the working draft permit by **COB February 27, 2026**.

Please also complete the following by the above deadline:

1. Resubmit the full OP-PBRSUP with the following corrections:
 - OP-REQ1, pg. 89 lists the following PBRs: 106.227, 106.261, 106.262, 106.263, 106.393, 106.472, 106.511, 106.512, 106.532, and standard exemption (SE) 5. The PBRs listed on OP-REQ1, pg. 89 must be listed on the OP-PBRSUP form. It appears SE 5 is not listed in the OP-PBRSUP form. Please resubmit the full OP-PBRSUP with SE 5 listed or resubmit the OP-REQ1, pg.89 if SE 5 should be removed.
 - In Table D, please list the PBR registration number under the “Version No./Date Or Registration No.” column for units that have registered PBRs. For example, in Table D’s “Version No./Date Or Registration No.” column, PBR registration no. 118227 should be listed for PBRs 106.261 and 106.262 for unit 901. For units that do not have a PBR registration numbers, the version no./date can remain.

Please note:

- All new and existing permit shields were reviewed. For unit ENGWTRWELL, the Basis of Determination in the Permit Shield table was updated to include the “construction, modification, reconstruction” language as that was missing and is needed in order for the permit shield to be valid.

Please review the second portion of the “SOP Technical Review Fact Sheet” located at http://www.tceq.texas.gov/assets/public/permitting/air/Guidance/Title_V/sop_wdp_factsheet.pdf [tceq.texas.gov]. This guidance contains important information regarding WDP review and comment procedures.

Note that a Certification by Responsible Official (Form OP-CRO1) for any uncertified application information, including application updates supporting the WDP comments, is required. 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 was 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](#) [tceq.texas.gov].

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,

Gaby

Gabriela Chio

Operating Permits Section

Air Permits Division

Texas Commission on Environmental Quality

P.O. Box 13087, MC 163

Austin, TX 78711

Phone: 512-239-4930

gabriela.chio@tceq.texas.gov



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Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO emission rate	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: CO emissions exceeding 0.81 lb/hr shall be considered and reported as a deviation	
<p>Periodic Monitoring Text: Measure and record the hourly fuel usage. The hourly fuel usage and the CO emission factor of 0.0824 lb/ MMBtu referenced in the most recent NSR Permit Number 4437A application shall be used to calculate the average hourly CO emissions. The calculated average hourly CO emission rate for the source shall be compared to the hourly CO permit limit specified in the Maximum Allowable Emission Rate Table (MAERT) in NSR permit 4437A. If the average hourly CO emissions for the source exceeds 0.81 lb/hr, this shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO concentration	
Minimum Frequency: Once every 2 years	
Averaging Period: N/A	
Deviation Limit: Maximum CO concentration = 400 ppmv @ 3% O ₂ , dry basis	
Periodic Monitoring Text: Measure and record the CO concentration in parts per million, by volume (ppmv), as part of the biennial tune-up of the process heater required by 40 CFR §§ 63.7540(a)(10)(i)-(vi) and (a)(11). Measurements may be taken using a portable CO analyzer. Any CO monitoring data that exceeds 400 ppmv @ 3% O ₂ , dry basis shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO emission rate	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: CO emissions exceeding 0.81 lb/hr shall be considered and reported as a deviation the hourly emission limit referenced in the Maximum Allowable Emission Rate Table (MAERT) of current New Source Review (NSR) Permit Number 4437A	
Periodic Monitoring Text: Measure and record the hourly fuel usage. The hourly fuel usage and the CO emission factor of 0.0824 lb/MMBtu referenced in the NSR Permit Number 4437A application, Project No. 303608 , submitted on 6/28/2019 shall be used to calculate the average hourly CO emissions. The calculated average hourly CO emission rate for the source shall be compared to the hourly CO permit limit specified in the Maximum Allowable Emission Rate Table (MAERT) in NSR permit 4437A. If the average hourly CO emissions for the source exceeds the emission limit referenced in the MAERT 0.81 lb/hr , this shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO concentration	
Minimum Frequency: Once every 2 years	
Averaging Period: N/A	
Deviation Limit: Maximum CO concentration = 400 ppmv @ 3% O ₂ , dry basis	
Periodic Monitoring Text: Measure and record the CO concentration in parts per million, by volume (ppmv), as part of the biennial tune-up of the process heater required by 40 CFR §§ 63.7540(a)(10)(i)-(vi) and (a)(11). Measurements may be taken using a portable CO analyzer. Any CO monitoring data that exceeds 400 ppmv @ 3% O ₂ , dry basis shall be considered and reported as a deviation.	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO emission rate	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: CO emissions exceeding the hourly emission limit referenced in the Maximum Allowable Emission Rate Table (MAERT) of current New Source Review (NSR) Permit Number 4437A	
<p>Periodic Monitoring Text: Measure and record the hourly fuel usage. The hourly fuel usage and the appropriate emission factor referenced in the most recent NSR Permit Number 4437A application shall be used to calculate the average hourly CO emissions. The calculated average hourly CO emission rate for the source shall be compared to the hourly CO permit limit. If the average hourly emissions for the source exceeds the emission limit referenced in the MAERT, this shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO concentration	
Minimum Frequency: Once every 2 years	
Averaging Period: N/A	
Deviation Limit: Maximum CO concentration = 400 ppmv @ 3% O ₂ , dry basis	
Periodic Monitoring Text: Measure and record the CO concentration in parts per million, by volume (ppmv), as part of the biennial tune-up of the process heater required by 40 CFR §§ 63.7540(a)(10)(i)-(vi) and (a)(11). Measurements may be taken using a portable CO analyzer. Any CO monitoring data that exceeds 400 ppmv @ 3% O ₂ , dry basis shall be considered and reported as a deviation.	

CHEVRON PHILLIPS CHEMICAL COMPANY LP
 PASADENA PLASTICS COMPLEX
 FOP O1315 & NSR 4437A

Unit ID	1010 & 1011
Name	Catalytic Activator 6 & 7 Main Burners

Basis

Each activator is heated with a natural gas fired burner. Heat from the burner is transferred using high excess combustion air to heat the inner vessel via the annulus between the inner and outer vessels.

Emissions Summary (NSR Permit No. 4437A)

Combustion Contaminant	Main Burners from Catalyst Activator Heaters Annual Emissions		
	Emission Factor ¹ (lb/MMBtu)	Design Capacity ² (MMBtu/hr)	Emissions ³ (TPY)
CO	0.0412	9.8	1.77

Combustion Contaminant	Main Burners from Catalyst Activator Heaters Hourly Emissions		
	Emission Factor ¹ (lb/MMBtu)	Design Capacity ² (MMBtu/hr)	Emissions (lb/hr)
CO	0.0824	9.8	0.81

Combustion Contaminant	CO Concentration < 400 ppmv Based on NSR Permit No. 4437A Calculations				
	Emission Factor (lb/MMBtu)	Fd ⁴ (dscf/MMBtu)	Volume @ 68F (scf/lb-mol)	MW lb/lb-mol	CO Concentration (ppmv)
CO	0.0824	8,710	385.3	28.01	130.14

1. Emissions of NO_x, CO, PM, and VOC from the catalyst activator heater are calculated using emission factors proposed to meet BACT.
2. The natural gas usage is based on 9.8 MMBtu/hr capacity for each heater and natural gas heating value of 1020 btu/scf (AP-42 factor basis).
3. The annual gas usage is based on 8760 hrs/yr of operation.
4. The default dry F-factor (Fd) for natural gas is 8,710 dscf/MMBtu at 68F and 29.92 in. Hg (EPA Method 19).

Emissions Summary (April 4, 2023 Stack Testing)

FR	9608	scfh
FHV	1020	BTU/scf
Ffactor	8,710	dscf/MMBTU
O ₂	13.66	% dry
Qs	4107	dscfm
MW	28.01	g/g-mole
ERco	0.808	lb/hr (Outlet Emission Rate)

Stack Gas Volumetric Flow Rate (Qs) DSCFM

$$Q_s = \frac{FR \times FHV \times Ffactor \times (20.9 / 20.9 - O_2)}{1.0E6 \times 60}$$

CO Outlet Concentration (Cco) ppmv

$$C_{co} = \frac{ER_{co} \times 24.04 \times 1.0E6 \times 453.592}{MW \times Q_s \times 60 \times 28.32}$$

Combustion Contaminant	CO Concentration < 400 ppmv Based on Stack Test for Catalyst Activator Heater Burners 1010 / 1011			
	ERco (lb/hr)	Qs (dscfm)	MW (g/g-mole)	CO Concentration (ppmv)
CO	0.808	4,107	28.01	45.08

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO emission rate	
Minimum Frequency: Annually	
Averaging Period: N/A	
Deviation Limit: CO emissions exceeding [specify CO emission rate in lb/hr from NSR permit limit]	
<p>Periodic Monitoring Text: Measure and record the hourly fuel usage. The hourly fuel usage and the appropriate emission factor [should specify the emission factor used in emission calculation] shall be used to calculate the average hourly CO emissions. The calculated average hourly CO emission rate for the source shall be compared to the hourly CO permit limit. If the average hourly emissions for the source exceeds [specify the CO emission limit in lb/hr], this shall be considered and reported as a deviation.</p>	

Periodic Monitoring Summary

Unit/Group/Process Information	
ID No.: 1010, 1011	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 117, Subchapter B	SOP Index No.: R7300-2001
Pollutant: CO	Main Standard: § 117.310(c)(1)
Monitoring Information	
Indicator: CO concentration	
Minimum Frequency: Once every 2 years	
Averaging Period: N/A	
Deviation Limit: Maximum CO concentration = 400 ppmv @ 3% O ₂ , dry basis	
Periodic Monitoring Text: Measure and record the CO concentration in parts per million, by volume (ppmv), as part of the biennial tune-up of the process heater required by 40 CFR §§ 63.7540(a)(10)(i)-(vi) and (a)(11). Measurements may be taken using a portable CO analyzer. Any CO monitoring data that exceeds 400 ppmv @ 3% O ₂ , dry basis shall be considered and reported as a deviation.	

**Texas Commission on Environmental Quality
Monitoring Requirements
Form OP-MON (Page 3)
Federal Operating Permit Program
Table 1c: CAM/PM Case-By-Case Additions**

I. Identifying Information					
Account No.:	HG-0566-H	RN No.:	102018322	CN:	600303614
Permit No.:	O1315	Project No.:	38596		
Area Name:	Pasadena Plastics Complex				
Company Name:	Chevron Phillips Chemical Company, LP				
II. Unit/Emission Point/Group/Process Information					
Revision No.:	28, 29				
Unit/EPN/Group/Process ID No.:	1010, 1011				
Applicable Form:	OP-MON				
III. Applicable Regulatory Requirement					
Name:	30 TAC Chapter 117, Subchapter B				
SOP/GOP Index No.:	R7300-2001				
Pollutant:	CO				
Main Standard:	§ 117.310(c)(1)				
Monitoring Type:	PM				
Unit Size:	SM				
Deviation Limit:	Maximum CO concentration = 400 ppmv @ 3% O ₂ , dry basis				
IV. Control Device Information					
Control Device ID No.:	N/A				
Control Device Type:	N/A				
V. CAM Case-by-case					
Indicator:					
Minimum Frequency:					
Averaging Period:					
QA/QC Procedures:					
Verification Procedures:					
Representative Date:					
VI. Periodic Monitoring Case-by-case					
Indicator:	Hourly Fuel Usage	Minimum Frequency:	Annually		
Averaging Period:	Hourly				
Periodic Monitoring Text:	<p>Measure and record the hourly fuel usage. The hourly fuel usage and the appropriate emission factor will be used to calculate the average hourly CO emissions. The calculated average hourly CO emission rate for the source will be compared to the hourly CO permit limit. If the average hourly emissions for the source are above the hourly permit limit, this will be considered and reported as a deviation.</p> <p>For bi-annual periods when monitoring is conducted to comply with 40 CFR 63, Subpart DDDDD, the CO monitoring conducted to comply with 40 CFR 63, Subpart DDDDD is deemed sufficient and additional monitoring is not required.</p>				

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025 (updated 2/27/2026)
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

RevisionNo.	Revision Code	Unit/Group/Process			NSRAuthorization	Description of Changes andProvisional Terms and Conditions
		NewUnit	ID No.	ApplicableForm		
120	SIG-E	NO	900	OP-REQ3 OP-REQ2	4437A, PSDTX808, N014M2 106.261/04/25/2019[156160]	Update NSR Authorizations to include PBRs as indicated on OP-SUMR. Remove 40 CFR 63 Subpart FFFF applicability per OP-REQ3 Table 2 Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2
121	SIG-E	NO	901	OP-REQ3 OP-REQ2	4437A, PSDTX808, N014M2 106.261/05/16/2014[118227] 106.262/05/16/2014[118227] 106.261/04/27/2016[139421] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/04/25/2019[156160] 106.261/04/09/2020[160659] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/04/11/2024[175896] 106.261/04/03/2025[179615]	Update NSR Authorizations to include PBRs as indicated on OP-SUMR. Remove 40 CFR 63 Subpart FFFF applicability per OP-REQ3 Table 2 Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2

Kathleen Hartnett White, *Chairman*
Larry R. Soward, *Commissioner*
Glenn Shankle, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

April 23, 2007

Mr. John Hellstrom
Environmental Superintendent
Chevron Phillips Chemical Company, LP
1400 Jefferson Road
Pasadena, Texas 77506

Re: Approval of Modification Request for Cooling Tower Monitoring, Title 30 Texas Administrative Code (30 TAC), Chapter 115, Subchapter II, Highly Reactive Volatile Organic Compounds (HRVOC), Division 2, Chevron Phillips Chemical Company, LP (Chevron Phillips), Pasadena Plastics Complex, Pasadena, Harris County, Texas, Texas Commission on Environmental Quality (TCEQ) Regulated Entity No. 102018322.

Dear Mr. Hellstrom:

This letter is in response to a Chevron Phillips letter dated January 24, 2007, requesting approval of a modification to the cooling tower monitoring requirements of 30 TAC Chapter 115, Subchapter II, Division 1, §115.764(a)(6) and (b)(6). Specifically, Chevron Phillips wishes to install a peristaltic pump in the sampling system to improve performance and is requesting approval to use either Tygon® 2001 Plasticizer Free or FKM Fluoroelastomer tubing because these materials are better suited for use with peristaltic pumps. Sampling systems used for §115.764(a)(6) or (b)(6) must be demonstrated equivalent to the air stripping apparatus used in Appendix P of the TCEQ Sampling Procedures Manual. Chevron Phillips provided comparative test data with the request to demonstrate that the alternative materials do not significantly impact the monitoring results.

Based on the information by Chevron Phillips, the alternative tubing materials do not significantly affect the HRVOC monitoring results when used with the peristaltic pump. Therefore, TCEQ approves Chevron Phillips' request dated January 24, 2007 to use either Tygon® 2001 tubing or the FKM Fluoroelastomer tubing with the peristaltic pump in the cooling tower water sample delivery system. This approval is site-specific to the Chevron Phillips Pasadena Plastics Complex in Pasadena, Texas, and applicable only to the monitoring requirements of 30 TAC Chapter 115, Subchapter II, Division 2. If you have any questions concerning this determination, please contact me at the letterhead address, Mail Code MC-206, by telephone at (512) 239-6041, or by email at vmeiller@tceq.state.tx.us.

Sincerely,

A handwritten signature in cursive script that reads "Vincent R. Meiller".

Vincent R. Meiller
Air Quality Planning Section



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

APR 13 2007

Mr. John Hellstrom
Environmental Superintendent
Pasadena Plastics Complex
Chevron Phillips Chemical Company LP
P. O. Box 792
Pasadena, Texas 77501

Re: Request for Approval
Open Flame Flares (4)
Waiver of Test/Assessment
Alternative Monitoring Plan (AMP)
TCEQ Air Account No. HG-0566-H
NSPS Part 60, Subparts NNN, DDD and A
NESHAP Part 63, Subpart FFFF (MON) and A
SIP 30 TAC Chapter 115, § 115.725(d)

Dear Mr. Huffman:

In response to your request for approval of a waiver of test/assessment requirements and approval of an alternative monitoring plan (AMP) for four (4) open flame flares, dated February 16, 2006, at the Pasadena Plastics Complex of Chevron Phillips Chemical Company LP at Pasadena, Texas ("CP Chem Pasadena"), we offer the following. As indicated in your request letter, CP Chem Pasadena operates a plastics manufacturing facility with some allied organic chemical manufacturing in Harris County, Texas. The four flares control air emissions from the facilities you identified in your request letter. Based on our review of the submitted information, EPA Region 6 is hereby approving both 1) CP Chem Pasadena's request for approval of a waiver from applicable open flame flare test/assessment requirements for the four flares, and 2) CP Chem Pasadena's request for approval of a proposed AMP for the same four flares, subject to the terms and conditions stated herein and in the Enclosures to this letter.

Internet Address (URL) • <http://www.epa.gov>

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CP Chem Pasadena uses the four (4) open flame flares, for which this request has been made, to control VOC and HAP emissions and are subject to both 40 CFR § 60.18 and 40 CFR § 63.11, which require the owner or operator to conduct tests/assessments to determine (among other things) if the VOC/HAP containing gas going into the flare is meeting the 1) net heating value specifications (in MJ/scm or BTU/scf) (computed from gas sampling and analysis measurements), and 2) flare tip velocity specifications (in m/sec or ft/sec) (computed from flow rate measurements). If the owner or operator claims that it has other means of determining compliance with these specifications without conducting the required testing/measurements, it may request approval of a waiver under the provisions of NSPS Part 60, Subpart A at § 60.8(b)(4) and/or NESHAP Part 63, Subpart A at § 63.7(e)(2)(iv) and § 63.7(h).

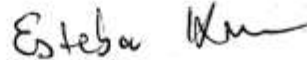
Facilities at CP Chem Pasadena are also subject to the HRVOC Monitoring and Testing Requirements of § 115.725, codified at 30 Texas Administrative Code (TAC), Chapter 115, Subchapter H, Division 1 (Vent Gas Control). These are Federally enforceable SIP rules for the State of Texas, effective in the Houston/Galveston/Brazoria area. Section 115.725(d) of the Texas SIP rules requires the owner or operator of an affected flare to install, calibrate, maintain, and operate for the VOC containing gas going into the flare 1) a continuous monitoring system for flow rate, and 2) an on-line analyzer (continuous monitoring system) for molecular weight and net heating value. CP Chem Pasadena claims that compliance with these SIP rule provisions meets the requirement to determine compliance with the net heating value and flow rate (tip velocity) open flame flare specifications of both 40 CFR § 60.18 and 40 CFR § 63.11. Accordingly, CP Chem Pasadena requested EPA approval of a waiver from compliance testing requirements for the open flame flare net heating value and flow rate (tip velocity) specifications of both 40 CFR § 60.18 and 40 CFR § 63.11 by claiming that they have satisfied both NSPS Part 60, Subpart A at § 60.8(b)(4) and NESHAP Part 63, Subpart A at § 63.7(e)(2)(iv) by complying with Section 115.725(d) of the Federally enforceable Texas SIP rules.

EPA is approving the CP Chem Pasadena request, subject to conditions stated in the Enclosures. EPA determinations for other process units or facilities subject to NSPS Parts 60, NESHAP Parts 61 or 63, or the Consolidated Air Rule (CAR) Part 65 are to be addressed on a case-by-case basis. Also, this determination request response was coordinated with EPA's Office of Compliance (Marcia Mia, Scott Throwe, and Maria Malave) within the Office of Enforcement and Compliance Assurance (OECA) in Washington, D.C. and with EPA's Sector Policies and Programs Division (formally the Emission Standards Division) (Randy McDonald, Richard Colyer, David Markwordt, and Kent Hustvedt), and EPA's Air Quality Assessment Division (AQAD) (Foston Curtis and Rima Howell) within the Office of Air Quality Planning and Standards (OAQPS) in Research Triangle Park, North Carolina.

If additional information indicates that the conditions under which this waiver of test/assessment requirements and approval of an alternative monitoring plan (AMP) response was developed have changed, EPA may determine that this determination is null and void. In this event, CP Chem Pasadena shall re-apply for approval of a waiver request and an AMP request that is representative of the changed conditions. For additional detailed information concerning this determination, see the enclosures to this letter.

If you have any questions about his determination response, please contact Jonathan E. York of my staff at (214) 665-7289 or by e-mail at york.jonathan@epa.gov.

Sincerely yours,



for David Garcia
Associate Director
Air/Toxics and Inspection
Coordination Branch

Enclosures

cc: Rick Colyer (EPA HQ)
Scott Throwe (EPA HQ)
Randy McDonald (EPA HQ)
Marcia Mia (EPA HQ)
David Markwordt (EPA HQ)
Maria Malave (EPA HQ)
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Ed Horst (NMED)
Tom Rheaume (ADEQ)
Doyle McWhirter (ODEQ)
Johnny Little (ODEQ)
Dawson Lasseter (ODEQ)

ENCLOSURE 1

CONDITIONS FOR APPROVAL

Chevron Phillips Chemical Company LP

Pasadena, Texas (Harris County, Texas)

Organic Chemical (Plastics) Manufacturing (Pasadena Plastics Complex)

Chevron Phillips Chemical Company LP at Pasadena, Texas ("CP Chem Pasadena")

The following are the conditions for approval.

ASSIST GAS (AUTOMATIC ADJUSTMENT) - FOUR OPEN FLAME FLARES:

According to information submitted by CP Chem Pasadena, dated April 28, 2006, each open flame flare (EPNs 216, 308, 408 and 524 (K-Resin)) is equipped with an automatic (control loop feedback) system which adjusts the assist gas flow rate to each flare. An on-line calorimeter generates the signal for the automatic adjustment of assist gas flow rate to each flare. As the net heating value of the incoming process unit gas to each flare drops, the automatic assist gas system increases assist gas flow rate to compensate. If the net heating value of the incoming process unit gas to each flare increases, the assist gas is reduced to compensate.

ASSIST GAS (ALARM SYSTEM - MANUAL ADJUSTMENT) - FOUR OPEN FLAME FLARES:

According to information submitted by CP Chem Pasadena, dated April 28, 2006, each open flame flare (EPNs 216, 308, 408 and 524 (K-Resin)) is equipped with a "low BTU value" alarm system. The same on-line calorimeter that is used in the closed loop feedback system to adjust assist gas is also set to sound an alarm at a set point above the regulatory minimum allowed net heating value, such that the chances of the net heating value dropping below the regulatory minimum are very low. For both air assisted and steam assisted open flame flares subject to NSPS Part 60, Subpart A at § 60.18(b) through (f) and NESHAP Part 63, Subpart A at § 63.11(b), the regulatory minimum is 11.2 MJ/scm (300 BTU/scf). A failure in the closed loop feedback system would sound the alarm and alert flare operators to take over the assist gas adjustment manually. After closed loop feedback system repair, automatic adjustment of assist gas would resume.

AMP CPMS RECORDKEEPING:

As a condition of approval of its request for a waiver from the NSPS Part 60 and NESHAP Part 63 open flame flare performance testing/flare compliance assessment requirements, CP Chem Pasadena shall continuously record and maintain data for the following key compliance parameters for each of the flares for which the waiver request was made:

1. Flare gas net heating values obtained from each of the on-line gas chromatograph (GC) analyzers installed on each flare gas line to comply with the Texas HRVOC SIP rule.
2. Flare tip velocities computed from flow rate values obtained from each of the on-line flow (ultrasonic) meters installed on each flare gas line to comply with the Texas HRVOC SIP rule.

Records for these key compliance parameters are to be maintained in addition to any other compliance parameter data records that are required to be maintained by NSPS Part 60 and NESHAP Part 63 rules.

Each of the open flame flares (EPNs 216, 308, 408 and 524 (K-Resin)) for which CP Chem Pasadena has made its request is subject to the recordkeeping requirements of NSPS Part 60, Subparts NNN, DDD, & A and NESHAP Part 63, Subpart FFFF & A. CP Chem Pasadena shall comply with the more stringent of these requirements.

AMP CPMS DATA ANALYSIS CRITERIA:

Excess emissions are defined as any period of time in which each monitored operational parameter does not comply with its corresponding open flame flare specification. The open flame flares subject to the CPMS data analysis criteria of this AMP approval are:

Open Flame Flare EPN 216 - Air-Assisted

Open Flame Flare EPN 308 - Air-Assisted

Open Flame Flare EPN 408 - Air-Assisted

Open Flame Flare EPN 524 (K-Resin) - Steam-Assisted

The required data analysis specifications for each of the open flame flares (EPNs 216, 308, 408 and 524 (K-Resin)) for which CP Chem Pasadena has made its request are:

1. Deviation Criteria Applicability:

The deviation criteria identified below applies to data recorded from operational parameter monitoring devices installed on the cited flare systems:

- a) Net heating value of the flare gas being combusted shall not be allowed to drop below the minimum stated in the applicable NSPS Part 60 and NESHAP Part 63 specifications.
- b) Tip velocity, as calculated from the measured flow rate, temperature, and pressure data values recorded for the flare gas being combusted, shall not be allowed to deviate from the limits stated in the applicable NSPS Part 60 and NESHAP Part 63 specifications.
- c) Presence of a flare flame shall be maintained at all times flare gas is sent to the flare, in accordance with the applicable NSPS Part 60 and NESHAP Part 63 specifications.

2. CMS Data Analysis Criteria:

Collect measured values of flare gas net heating value, flow rate, temperature, and pressure on a successive 15 minute period basis and compute hourly average values of net heating value and tip velocity in accordance with the criteria of:

- NSPS Part 60, Subpart A at § 60.13(e) and (h)
- NSPS Part 60, Subpart A at § 60.18(b) thru (f)
- NESHAP Part 63, Subpart A at § 63.8(g)
- NESHAP Part 63, Subpart A at § 63.11(b)

3. Averaging Time for Determining and Recording Deviations:

Neither NSPS Part 60 nor NESHAP Part 63 rules contain specified averaging times for CMS output from measurements of net heating values and tip velocities recorded for open flame flares. However, the Federally enforceable Texas HRVOC SIP rule does have the stated criteria and these requirements are applicable to the open flame flares (EPNs 216, 308, 408 and 524 (K-Resin)) for which CP Chem Pasadena has made is request:

- a. Net heating value of the flare gas being combusted:

One-hour block period basis (see § 115.725(d)(5) of HRVOC Monitoring and Testing Requirements of § 115.725, codified at 30 Texas Administrative Code (TAC), Chapter 115, Subchapter H, Division 1 (Vent Gas Control)).

b. Tip velocity value of the flare gas being combusted:

One-hour block period basis (see § 115.725(d)(6) of HRVOC Monitoring and Testing Requirements of § 115.725, codified at 30 Texas Administrative Code (TAC), Chapter 115, Subchapter H, Division 1 (Vent Gas Control)).

Note 1: Tip velocity values determined from measured values of flare gas flow rate, temperature, and pressure.

4. Recordkeeping Requirements:

The following is a list of the Federal regulations for **recordkeeping** applicable to the open flame flares (EPNs 216, 308, 408 and 524 (K-Resin)) for which CP Chem Pasadena has made is request:

NSPS Part 60, Subpart NNN at § 60.665
NSPS Part 60, Subpart DDD at § 60.565
NSPS Part 60, Subpart A at § 60.7
NSPS Part 63, Subpart FFFF at § 63.2525
NSPS Part 63, Subpart SS at § 63.998
NSPS Part 63, Subpart A at § 63.10

For the purpose of recordkeeping of net heating value and tip velocity data analysis results, CP Chem Pasadena shall comply with the requirements of NESHAP Part 63, Subpart SS at § 63.998(b) - (Continuous Records and Monitoring System Data Handling) and NESHAP Part 63, Subpart A at § 63.10(b) and (c).

Records of flare flame and/or flare pilot flame presence and all other required records are to be maintained in accordance with all applicable Federal rules. If more than one rule contains a particular type of recordkeeping requirement, compliance with the most stringent is required.

5. Report and Notification Submittal Requirements:

The following is a list of the Federal regulations for **reporting** applicable to the open flame flares (EPNs 216, 308, 408 and 524 (K-Resin)) for which CP Chem Pasadena has made is request:

NSPS Part 60, Subpart NNN at § 60.665
NSPS Part 60, Subpart DDD at § 60.565
NSPS Part 60, Subpart A at § 60.7
NSPS Part 63, Subpart FFFF at § 63.2520
NSPS Part 63, Subpart SS at § 63.999
NSPS Part 63, Subpart A at § 63.10

For the purpose of reporting net heating value and tip velocity data analysis results, CP Chem Pasadena shall comply with the requirements of NESHAP Part 63, Subpart SS at § 63.999(c) - (Periodic Reports) and NESHAP Part 63, Subpart A at § 63.10(d) and (e).

Reports of flare flame and/or flare pilot flame presence and all other required records and required notices are to be submitted in accordance with all applicable Federal rules. If more than one rule contains a particular type of reporting or notification requirement, compliance with the most stringent is required.

ENCLOSURE 2

BACKGROUND AND APPLICABLE REQUIREMENTS

Chevron Phillips Chemical Company LP

Pasadena, Texas (Harris County, Texas)

Organic Chemical (Plastics) Manufacturing (Pasadena Plastics Complex)

Chevron Phillips Chemical Company LP at Pasadena, Texas ("CP Chem Pasadena")

BACKGROUND

1. CP Chem Pasadena said that it owns and operates organic chemical manufacturing process units that make, among other things, Polypropylene, K-Resin, and Polyethylene.
2. CP Chem Pasadena also said that the organic chemical manufacturing process units are subject to NSPS Part 60, Subpart NNN and A, NSPS Part 60, Subpart DDD and A, and NESHAP Part 63, Subpart FFFF and A. Note that NESHAP Subpart FFFF incorporates by reference selected provisions in NESHAP Part 63, Subpart SS for closed vent systems and control devices.
3. In its request letter, dated February 16, 2006, CP Chem Pasadena indicated that its "gas phase (GPH) Polypropylene Unit" is subject to NSPS Part 60, Subpart DDD and A. VOCs in the vent streams from this unit are controlled by three (3) open flame flares (EPN 216, EPN 308, and EPN 408).
4. Also in the 02/16/2006 request letter, CP Chem Pasadena indicated that vent streams from distillation columns located in the Neohexane process unit are subject to NSPS Part 60, Subpart NNN and A. VOCs in these vent streams are controlled by the K-Resin (EPN 524) open flame flare.
5. CP Chem Pasadena indicated, in its request letter dated 02/16/2006, that its plant is a major source of hazardous air pollutants (HAPs) and operates miscellaneous organic chemical manufacturing process units (MCPUs) that are subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) Part 63, Subpart FFFF
6. In its request letter, dated February 16, 2006, CP Chem Pasadena said that it has installed an on-line gas chromatograph (GC) analyzer to determine the VOC content of the process unit gases to be flared in each of the four open flame flares, for which this request gas been made (EPNs 216, 308, 408, and 524 (K-Resin)). The on-line GC analyzer provides information needed to determine the net heating value of the flare gas stream.
7. CP Chem Pasadena also said in its request letter, dated February 16, 2006, that it has

installed an on-line flow (ultrasonic) meter to determine the open flame flare's flow rate, so that the tip velocity for each of the four open flame flares can be determined. The flow rate monitoring system is also equipped with temperature and pressure monitoring devices to allow for correction of the measured flow rates.

8. CP Chem Pasadena said that it installed the on-line gas chromatograph (GC) analyzer and the on-line flow (ultrasonic) meter to comply with the HRVOC Monitoring and Testing Requirements of § 115.725, codified at 30 Texas Administrative Code (TAC), Chapter 115, Subchapter H, Division 1 (Vent Gas Control). In contrast, neither of the Federal rules for open flame flares (NSPS Part 60, Subpart A at § 60.18(b) and NESHAP Part 63, Subpart A at § 63.11(b)) contain provisions for continuous monitoring and recording of net heating values and tip velocities (flare gas flow rates)

9. In addition to the on-line GC analyzer, CP Chem Pasadena said that it had installed an on-line calorimeter on each flare gas line to maintain flare assist gas through a closed loop feedback system at an optimal level to prevent the net heating value of the flare gas from dropping below the minimum regulatory level. In addition to the on-line calorimeter on each flare gas line, the closed loop feedback system is equipped with a set point alarm system that will alert the flare operator of automatic system failure.

REGULATORY REQUIREMENTS - FOUR OPEN FLAME FLARES

NSPS Part 60, Subparts NNN and A

1. If the owner or operator of NSPS Subpart NNN affected facilities elects to combust vent streams in an open flame flare, the flare is required to be in compliance with NSPS Part 60, Subpart A at § 60.18 (see 40 CFR § 60.662(b) and § 60.664(d)).

NSPS Part 60, Subparts DDD and A

2. If the owner or operator of NSPS Subpart DDD affected facilities elects to combust vent streams in an open flame flare, the flare is required to be in compliance with NSPS Part 60, Subpart A at § 60.18 (see 40 CFR § 60.562-1(a)(1)(i)(C), § 60.564(f), § 60.564(g) and Table 3 of 40 CFR § 60.562-1).

NESHAP Part 63, Subparts FFFF (MON) and A NESHAP Part 63, Subpart SS

3. If the owner or operator of NESHAP Subpart FFFF affected sources elects to vent HAP emissions through a closed vent system to an open flame flare, the closed vent system and the flare are required to be in compliance with NESHAP Part 63, Subpart SS at § 63.982(b) (see 40 CFR § 63.2450(e) of NESHAP Subpart FFFF).

4. NESHAP Part 63, Subpart SS at § 63.982(b), requires owners and operators of open flame flares, subject to a referencing Subpart (such as NESHAP Subpart FFFF), to comply with 40 CFR § 63.987 for flares and with 40 CFR § 63.997(a), (b), and (c) for provisions regarding flare compliance assessments.

5. NESHAP Part 63, Subpart SS at § 63.987(a), requires owners and operators of open flame flares, to comply with NESHAP Part 63, Subpart A at § 63.11.

6. NESHAP Part 63, Subpart SS at § 63.987(b), requires owners and operators of open flame flares, to comply with specifically stated "flare compliance assessment" procedures.

7. NESHAP Part 63, Subpart SS at § 63.997(a), (b), and (c) contains additional provisions regarding flare compliance assessments.

30 Texas Administrative Code (TAC), Chapter 115, Subchapter H, Division 1 (Vent Gas Control).

8. Open flame flares located in Pasadena (Harris County), Texas are subject to Federally enforceable State Implementation Plans (SIP) rules for the State of Texas, effective in the Houston/Galveston/Brazoria area.

9. The Texas SIP rule contains monitoring and testing requirements for vent gas control of VOC emission sources classified as highly reactive volatile organic compounds (HRVOCs) (see 30 TAC Chapter 115, at § 115.725).
10. A subset of the Texas SIP rule for vent gas control of HRVOC emission sources contains monitoring and testing requirements for open flame flares (see 30 TAC Chapter 115, at § 115.725(d)).
11. CP Chem Pasadena is required by the Texas HRVOC SIP rule to install, calibrate, maintain and operate two (2) types of continuous monitoring systems (CMSs) on the open-flame flare vent gas line for each of the identified flares, prior to combustion in the flare's flame zone (see 30 TAC Chapter 115, at § 115.725(d)).
12. CP Chem Pasadena is required by the Texas HRVOC SIP rule to install a flow rate recording CMS to provide data for the calculation and recording of flare tip velocity (see 30 TAC Chapter 115, § 115.725(d)(1)). Installation of calibrated temperature and pressure monitoring devices, concurrent with the flow rate CMS, is also required by the TX SIP rule.
13. CP Chem Pasadena is required by the Texas HRVOC SIP rule to install an on-line HRVOC net heating value recording CMS to provide data for the recording of the net heating value of the gas being combusted (see 30 TAC Chapter 115, at § 115.725(d)(2)).

CONTROL DEVICES - APPLICABLE COMPLIANCE REQUIREMENTS

The following information is based on the original test waiver request submittal, dated February 16, 2006, as updated by the additional information submitted April 28, 2006. Requirements not directly relevant to CP Chem Pasadena's request, dated 02/16/2006, are not included.

Open Flame Flare EPN 216

Open Flame Flare EPN 308

Open Flame Flare EPN 408

Type of Each Open Flame Flare: **Air Assist**

Hydrogen Content of Flared Gas: Less than eight percent (8%)

1. Applicable Federal Rules:

NSPS Part 60, Subpart NNN (distillation columns)

40 CFR § 60.662(b) - requires compliance with 40 CFR § 60.18(b)

40 CFR § 60.664(d) - requires compliance with 40 CFR § 60.18(b)

NSPS Part 60, Subpart DDD (polymer manufacturing)

40 CFR § 60.562-1(a)(1)(i)(C) - Polypropylene & Polyethylene - requires compliance with 40 CFR § 60.18(b)

40 CFR § 60.564(f) and (g) - requires compliance with 40 CFR § 60.18(b)

NSPS Part 60, Subpart A (General Provisions - performance testing)

40 CFR § 60.8(b) - performance test requirements

40 CFR § 60.8(b)(4) - authority to waive performance test

NSPS Part 60, Subpart A (General Provisions - performance testing/flare compliance assessment)

40 CFR § 60.18(b) through (f) - open flame flare specifications

40 CFR § 60.18(c)(3)(ii) - open flame flare net heating value not less than 11.2 MJ/scm (300 BTU/scf), if flare is **air** assisted.

40 CFR § 60.18(f)(3) - contains the stated calculation method for determining open flame flare net heating value, if flare is **air** assisted.

40 CFR § 60.18(c)(5) - open flame flare exit (tip) velocity not to exceed V_{max}, if flare is **air** assisted.

40 CFR § 60.18(f)(6) - V_{max} determined using stated calculation method, if flare is **air** assisted.

NESHAP Part 63, Subpart FFFF (MON rule)

40 CFR § 63.2450(e) - if venting using closed-vent system to an open flame flare, required to comply with NESHAP Part 63, Subpart SS at § 63.982(b).

NESHAP Part 63, Subpart SS (Closed Vent System and Control Device rule)

40 CFR § 63.982(b) - if venting using closed-vent system to an open flame flare, required to comply with NESHAP Part 63, Subpart SS at § 63.987 for flares and with § 63.997(a), (b), and (c) for provisions regarding flare compliance assessments.

40 CFR § 63.987(a) - required to comply with 40 CFR § 63.11(b).

40 CFR § 63.987(b) - provisions for flare compliance assessments stated.

40 CFR § 63.997(a), (b), and (c) - additional provisions regarding flare compliance assessments stated.

NESHAP Part 63, Subpart A (General Provisions - flare compliance assessment)

40 CFR § 63.11(b) - open flame flare specifications

40 CFR § 63.11(b)(6)(ii) - open flame flare net heating value not less than 11.2 MJ/scm (300 BTU/scf), if flare is **air** assisted.

40 CFR § 63.11(b)(6)(ii) - also contains the stated calculation method for determining open flame flare net heating value, if flare is **air** assisted.

40 CFR § 63.11(b)(8) - open flame flare exit (tip) velocity not to exceed V_{max} , if flare is **air** assisted.

40 CFR § 63.11(b)(8) - also contains the stated calculation method for determining V_{max} , if flare is **air** assisted.

2. Applicable Federally Enforceable Texas SIP Rules:

HRVOC Monitoring and Testing Requirements of § 115.725, codified at 30 Texas Administrative Code (TAC), Chapter 115, Subchapter H, Division 1 (Vent Gas Control).

Required to install, calibrate, maintain, and operate for the VOC containing gas going into the flare:

1. Continuous monitoring system for flow rate, and
2. On-line analyzer (continuous monitoring system) for molecular weight and net heating value.

Open Flame Flare EPN 524 (K-Resin)

Type of Open Flame Flare: **Steam Assist**

Hydrogen Content of Flared Gas: Less than eight percent (8%)

1. Applicable Federal Rules:

NSPS Part 60, Subpart NNN (distillation columns)

40 CFR § 60.662(b) - requires compliance with 40 CFR § 60.18(b)

40 CFR § 60.664(d) - requires compliance with 40 CFR § 60.18(b)

NSPS Part 60, Subpart DDD (polymer manufacturing)

40 CFR § 60.562-1(a)(1)(i)(C) - Polypropylene & Polyethylene - requires compliance with 40 CFR § 60.18(b)

40 CFR § 60.564(f) and (g) - requires compliance with 40 CFR § 60.18(b)

NSPS Part 60, Subpart A (General Provisions - performance testing)

40 CFR § 60.8(b) - performance test requirements

40 CFR § 60.8(b)(4) - authority to waive performance test

NSPS Part 60, Subpart A (General Provisions - performance testing/flare compliance assessment)

40 CFR § 60.18(b) through (f) - open flame flare specifications

40 CFR § 60.18(c)(3)(ii) - open flame flare net heating value not less than 11.2 MJ/scm (300 BTU/scf), if flare is **steam** assisted.

40 CFR § 60.18(f)(3) - contains the stated calculation method for determining open flame flare net heating value, if flare is **steam** assisted.

40 CFR § 60.18(c)(4)(i) - open flame flare exit (tip) velocity not to exceed 18.3 m/sec (60 ft/sec), if net heating value does not exceed 37.3 MJ/scm (1,000 BTU/scf), if flare is **steam** assisted. OR

40 CFR § 60.18(c)(4)(ii) - open flame flare exit (tip) velocity equal to or larger than 18.3 m/sec (60 ft/sec), but less than 122 m/sec (400 ft/sec) if net heating value is larger than 37.3 MJ/scm (1,000 BTU/scf), if flare is **steam** assisted.

40 CFR § 60.18(c)(4)(iii) - open flame flare exit (tip) velocity less than Vmax *and* less than 122 m/sec (400 ft/sec), if flare is **steam** assisted.

40 CFR § 60.18(f)(5) - contains the stated calculation method for determining Vmax in 40 CFR § 60.18(c)(4)(iii), if flare is **steam** assisted.

NESHAP Part 63, Subpart FFFF (MON rule)

40 CFR § 63.2450(e) - if venting using closed-vent system to an open flame flare, required to comply with NESHAP Part 63, Subpart SS at § 63.982(b).

NESHAP Part 63, Subpart SS (Closed Vent System and Control Device rule)
40 CFR § 63.982(b) - if venting using closed-vent system to an open flame flare, required to comply with NESHAP Part 63, Subpart SS at § 63.987 for flares and with § 63.997(a), (b), and (c) for provisions regarding flare compliance assessments.
40 CFR § 63.987(a) - required to comply with 40 CFR § 63.11(b).
40 CFR § 63.987(b) - provisions for flare compliance assessments stated.
40 CFR § 63.997(a), (b), and (c) - additional provisions regarding flare compliance assessments stated.

NESHAP Part 63, Subpart A (General Provisions - performance testing/flare compliance assessment)

40 CFR § 63.11(b) - open flame flare specifications
40 CFR § 63.11(b)(6)(ii) - open flame flare net heating value not less than 11.2 MJ/scm (300 BTU/scf), if flare is **steam** assisted.
40 CFR § 63.11(b)(6)(ii) - also contains the stated calculation method for determining open flame flare net heating value, if flare is **steam** assisted.
40 CFR § 63.11(b)(7)(i) - open flame flare exit (tip) velocity not to exceed 18.3 m/sec (60 ft/sec), if net heating value does not exceed 37.3 MJ/scm (1,000 BTU/scf), if flare is **steam** assisted. OR
40 CFR § 63.11(b)(7)(ii) - open flame flare exit (tip) velocity equal to or larger than 18.3 m/sec (60 ft/sec), but less than 122 m/sec (400 ft/sec) if net heating value is larger than 37.3 MJ/scm (1,000 BTU/scf), if flare is **steam** assisted. OR
40 CFR § 63.11(b)(7)(iii) - open flame flare exit (tip) velocity less than V_{max} and less than 122 m/sec (400 ft/sec), if flare is **steam** assisted.
40 CFR § 63.11(b)(7)(iii) - contains the stated calculation method for determining V_{max} in 40 CFR § 63.11(b)(7)(iii), if flare is **steam** assisted.

2. Applicable Federally Enforceable Texas SIP Rules:

HRVOC Monitoring and Testing Requirements of § 115.725, codified at 30 Texas Administrative Code (TAC), Chapter 115, Subchapter H, Division 1 (Vent Gas Control).

Required to install, calibrate, maintain, and operate for the VOC containing gas going into the flare:

1. Continuous monitoring system for flow rate, and
2. On-line analyzer (continuous monitoring system) for molecular weight and net heating value.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025 (updated 3/30/2026)
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

RevisionNo.	Revision Code	Unit/Group/Process			NSRAuthorization	Description of Changes andProvisional Terms and Conditions
		NewUnit	ID No.	ApplicableForm		
28	MS-C	NO	1010	OP-REQ3 OP-UA5 OP-MON	4437A, PSDTX808, N014M2	Update SOP Index Number from "63DDDDD-" to "63DDDDD-1" as shown on OP-UA5. Update Periodic Monitoring Indicator and Text per OP-MON
29	MS-C	NO	1011	OP-REQ3 OP-UA5 OP-MON	4437A, PSDTX808, N014M2	Update SOP Index Number from "63DDDDD-" to "63DDDDD-1" as shown on OP-UA5. Update Periodic Monitoring Indicator and Text per OP-MON

Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1 (Page 89)
Federal Operating Permit Program
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
July 17, 2025	O1315	RN102018322

- ◆ For SOP applications, answer ALL questions unless otherwise directed.
- ◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

- ◆ **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.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
4437A	11/07/2024				
152228	06/20/2018				

- ◆ **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.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.227	09/04/2000	106.472	09/04/2000		
106.261	11/01/2003	106.511	09/04/2000		
106.262	11/01/2003	106.512	09/04/2000		
106.263	11/01/2001	106.532	09/04/2000		
106.393	09/04/2000				

- ◆ **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

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date:	Permit No.:	Regulated Entity No:
7/17/2025 (updated 2/27/2026)	O1315	102018322

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	120	900	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550(i)	Equipment is not "in organic HAP service" and does not either contain or contact a fluid (liquid or gas) that is at least 5 percent by weight of total organic HAP.
A	121	901	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550(i)	Equipment is not "in organic HAP service" and does not either contain or contact a fluid (liquid or gas) that is at least 5 percent by weight of total organic HAP.

**Applicable Requirements Summary
Federal Operating Permit Program
Form OP-REQ3 (Page 3)
Table 2a: Deletions**

Date:	7/17/2025 (updated 2/27/2026)	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP		Area Name:	Pasadena Plastics Complex	

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
120	900	OP-REQ3 OP-REQ2	63FFFF-FUG	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF
121	901	OP-REQ3 OP-REQ2	63FFFF-FUG	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2480(a) The permit holder shall comply with the applicable limitation, standard and/or equipment specification requirements of 40 CFR Part 63, Subpart FFFF

**Applicable Requirements Summary
Form OP-REQ3 (Page 4)
Federal Operating Permit Program
Table 2b: Deletions**

Date: 7/17/2025 (updated 2/27/2026)	Regulated Entity No.: 102018322	Permit No.: O1315
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
120	900	OP-REQ3 OP-REQ2	63FFFF-FUG	112(B) HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF
121	901	OP-REQ3 OP-REQ2	63FFFF-FUG	112(B) HAPS	The permit holder shall comply with the applicable monitoring and testing requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable recordkeeping requirements of 40 CFR Part 63, Subpart FFFF	The permit holder shall comply with the applicable reporting requirements of 40 CFR Part 63, Subpart FFFF

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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
901	118227	106.261	5/16/2014
901	118227	106.262	5/16/2014
259	131301	106.261	6/1/2015
306	131301	106.261	6/1/2015
259	138668	106.261	3/9/2016
259	138668	106.262	3/9/2016
306	138668	106.261	3/9/2016
306	138668	106.262	3/9/2016
406	138668	106.261	3/9/2016
406	138668	106.262	3/9/2016
259	139421	106.261	4/27/2016
306	139421	106.261	4/27/2016
406	139421	106.261	4/27/2016
901	139421	106.261	4/27/2016
259	140005	106.261	7/15/2016
259	140005	106.262	7/15/2016
406	140005	106.261	7/15/2016
406	140005	106.262	7/15/2016
259	143215	106.261	11/15/2016
259	143215	106.262	11/15/2016
306	143215	106.261	11/15/2016
306	143215	106.262	11/15/2016
406	143215	106.261	11/15/2016
406	143215	106.262	11/15/2016
901	143215	106.261	11/15/2016
901	143215	106.262	11/15/2016

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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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
259	146146	106.261	4/14/2017
306	146146	106.261	4/14/2017
406	146146	106.261	4/14/2017
901	146146	106.261	4/14/2017
216	147836	106.261	9/6/2017
308	147836	106.261	9/6/2017
408	147836	106.261	9/6/2017
216	149767	106.261	2/1/2018
216	149767	106.262	2/1/2018
308	149767	106.261	2/1/2018
308	149767	106.262	2/1/2018
408	149767	106.261	2/1/2018
408	149767	106.262	2/1/2018
259	151091	106.261	4/16/2018
306	151091	106.261	4/16/2018
406	151091	106.261	4/16/2018
901	151091	106.261	4/16/2018
259	153732	106.261	11/13/2018
259	153732	106.262	11/13/2018
306	153732	106.261	11/13/2018
306	153732	106.262	11/13/2018
306	155414	106.261	3/15/2019
306	155414	106.262	3/15/2019
259	156160	106.261	4/25/2019
306	156160	106.261	4/25/2019
406	156160	106.261	4/25/2019

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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
900	156160	106.261	4/25/2019
901	156160	106.261	4/25/2019
259	156561	106.261	4/26/2019
259	156561	106.262	4/26/2019
259	156744	106.261	6/3/2019
259	156744	106.262	6/3/2019
306	158987	106.261	11/5/2019
306	158987	106.262	11/5/2019
259	160659	106.261	4/9/2020
306	160659	106.261	4/9/2020
406	160659	106.261	4/9/2020
901	160659	106.261	4/9/2020
259	162436	106.261	9/11/2020
259	162436	106.262	9/11/2020
306	162718	106.261	9/23/2020
306	162718	106.262	9/23/2020
306	162827	106.261	10/14/2020
306	162827	106.262	10/14/2020
306	163145	106.261	11/20/2020
306	163145	106.262	11/20/2020
306	164048	106.261	2/24/2021
306	164048	106.262	2/24/2021
406	164048	106.261	2/24/2021
406	164048	106.262	2/24/2021
259	164358	106.261	3/23/2021
259	164358	106.262	3/23/2021

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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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
259	164420	106.261	4/2/2021
259	164420	106.262	4/2/2021
259	164576	106.261	4/26/2021
306	164576	106.261	4/26/2021
406	164576	106.261	4/26/2021
406	165522	106.261	7/8/2021
406	165522	106.262	7/8/2021
259	165729	106.261	7/13/2021
259	165729	106.262	7/13/2021
406	167951	106.261	3/2/2022
406	167951	106.262	3/2/2022
406	168695	106.261	4/22/2022
406	168695	106.262	4/22/2022
259	168562	106.261	4/28/2022
306	168562	106.261	4/28/2022
406	168562	106.261	4/28/2022
259	168879	106.261	5/19/2022
259	168879	106.262	5/19/2022
219	168949	106.261	6/17/2022
PE62RLOADA	168949	106.261	6/17/2022
PE62RLOADB	168949	106.261	6/17/2022
PE62RLOADC	168949	106.261	6/17/2022
PE62RLOADD	168949	106.261	6/17/2022
1008A/B	170475	106.261	11/4/2022
1009A/B	170475	106.261	11/4/2022
406	170971	106.261	11/17/2022

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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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
406	170971	106.262	11/17/2022
259	171123	106.261	12/16/2022
259	171123	106.262	12/16/2022
306	171123	106.261	12/16/2022
306	171123	106.262	12/16/2022
406	171123	106.261	12/16/2022
406	171123	106.262	12/16/2022
406	171622	106.261	2/10/2023
406	171622	106.262	2/10/2023
259	172355	106.261	4/11/2023
259	172355	106.262	4/11/2023
306	172355	106.261	4/11/2023
306	172355	106.262	4/11/2023
406	172355	106.261	4/11/2023
406	172355	106.262	4/11/2023
901	172355	106.261	4/11/2023
901	172355	106.262	4/11/2023
PE6-PELLET	172355	106.261	4/11/2023
PE6-PELLET	172355	106.262	4/11/2023
306	173125	106.261	6/21/2023
306	173125	106.262	6/21/2023
406	173125	106.261	6/21/2023
406	173125	106.262	6/21/2023
259	173589	106.261	8/30/2023
259	173589	106.262	8/30/2023
306	173589	106.261	8/30/2023
306	173589	106.262	8/30/2023

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Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
406	173589	106.261	8/30/2023
406	173589	106.262	8/30/2023
259	174131	106.261	10/6/2023
259	174131	106.262	10/6/2023
306	174131	106.261	10/6/2023
306	174131	106.262	10/6/2023
406	174131	106.261	10/6/2023
406	174131	106.262	10/6/2023
406	175313	106.261	2/15/2024
406	175313	106.262	2/15/2024
408	175313	106.261	2/15/2024
408	175313	106.262	2/15/2024
PE8-PELLET	175313	106.261	2/15/2024
PE8-PELLET	175313	106.262	2/15/2024
406	175605	106.261	3/12/2024
406	175605	106.262	3/12/2024
259	175896	106.261	4/11/2024
306	175896	106.261	4/11/2024
406	175896	106.261	4/11/2024
901	175896	106.261	4/11/2024
306	176182	106.261	4/30/2024
306	176182	106.262	4/30/2024
259	176229	106.261	5/31/2024
259	176229	106.262	5/31/2024
259	176608	106.261	6/13/2024
259	176608	106.262	6/13/2024

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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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
259	176982	106.261	7/29/2024
259	176982	106.262	7/29/2024
259	177516	106.261	9/19/2024
259	177516	106.262	9/19/2024
259	177516	106.261	10/15/2024
259	177516	106.262	10/15/2024
406	178325	106.261	12/3/2024
406	178325	106.262	12/3/2024
406	178399	106.261	12/3/2024
406	178399	106.262	12/3/2024
406	178647	106.262	12/30/2024
219	178570	106.261	1/8/2025
219	178570	106.262	1/8/2025
259	178570	106.261	1/8/2025
259	178570	106.262	1/8/2025
PE6-PELLET	178570	106.261	1/8/2025
PE6-PELLET	178570	106.262	1/8/2025
216	178570	106.261	1/8/2025
216	178570	106.262	1/8/2025
PE8-PELLET	178569	106.261	1/10/2025
PE8-PELLET	178569	106.262	1/10/2025
306	179171	106.261	2/21/2025
306	179171	106.262	2/21/2025
259	179420	106.261	3/21/2025
259	179420	106.262	3/21/2025
406	180608	106.261	4/2/2025

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Table A: Registered Permits By Rule (30 TAC Chapter 106) for the Application Area
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Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
406	180608	106.262	4/2/2025
259	179615	106.261	4/3/2025
406	179615	106.261	4/3/2025
901	179615	106.261	4/3/2025
306	179844	106.261	4/17/2025
306	179844	106.262	4/17/2025
259	179913	106.261	4/24/2025
259	179913	106.262	4/24/2025
259	180042	106.261	5/6/2025
259	180042	106.262	5/6/2025
406	180608	106.261	5/6/2025
406	180608	106.262	5/6/2025

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date
123	106.532	9/4/2000
124	106.532	9/4/2000
125	106.532	9/4/2000
126	106.532	9/4/2000
617	106.512	9/4/2000
20A	106.472	9/4/2000
25A	106.472	9/4/2000
26A	106.472	9/4/2000
BKPFWP	106.511	9/4/2000
BLEACHTKS	106.472	9/4/2000
ENG101A	106.511	9/4/2000
ENG102A	106.511	9/4/2000
ENGINE2N	106.511	9/4/2000
ENGINE3N	106.511	9/4/2000
ENGINE4N	106.511	9/4/2000
ENGINE5N	106.511	9/4/2000
ENGINE6N	106.511	9/4/2000
SITEWIDE	106.393	9/4/2000
SITEWIDE	106.227	9/4/2000
SITEWIDE	106.263	11/1/2001
SJWT_CITK	106.472	9/4/2000
TNK95-01	106.472	9/4/2000
TNK95-10	106.472	9/4/2000
TNK95-20	106.472	9/4/2000
TNK95-30	106.472	9/4/2000
TNK95-40	106.472	9/4/2000
TNK95-1025	106.472	9/4/2000
TNK95-1026	106.472	9/4/2000
TNK95-1845	106.472	9/4/2000
TNK95-1846	106.472	9/4/2000
UTL-95-20	106.472	9/4/2000
UTL-95-30	106.472	9/4/2000
UTL-95-40	106.472	9/4/2000

**Texas Commission on Environmental Quality
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Table C: Claimed (not registered) Permits By Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

PBR No.	Version No./Date
106.102	9/4/2000
106.122	9/4/2000
106.141	3/7/2013
106.242	9/4/2000
106.244	9/4/2000
106.266	9/4/2000
106.372	9/4/2000
106.451	9/4/2000
106.453	9/4/2000
106.531	9/4/2000

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
123	106.532	9/4/2000	Keep annual records to demonstrate that the material being separated has a true partial pressure of VOC less than 0.5 psia.
124	106.532	9/4/2000	Keep annual records to demonstrate that the material being separated has a true partial pressure of VOC less than 0.5 psia.
125	106.532	9/4/2000	Keep annual records to demonstrate that the material being separated has a true partial pressure of VOC less than 0.5 psia.
126	106.532	9/4/2000	Keep annual records to demonstrate that the material being separated has a true partial pressure of VOC less than 0.5 psia.
617	106.512	9/4/2000	Engine runtime hours are recorded and maintained to ensure compliance with the PBR. Calculated emissions are kept on-site.
20A	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
25A	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
26A	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
BKPFWP	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
BLEACHTKS	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
ENG101A	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.

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Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Date	Permit Number	Regulated Entity Number
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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
ENG102A	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENGINE2N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENGINE3N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.

Permit By Rule Supplemental Table (Page 4)
Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
ENGINE4N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENGINE5N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENGINE6N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
SITEWIDE	106.393	9/4/2000	The quantity of material loaded is recorded annually to ensure compliance with emissions calculation, which will be calculated annually.

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Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
SITEWIDE	106.227	9/4/2000	Facility will maintain records that all brazing, soldering or welding equipment emissions do not exceed 0.6 tons per year.
SITEWIDE	106.263	11/1/2001	Where applicable, keep records on-site of the type and reason for MSS activity, the processes and equipment involved; date, time, and duration of the activity or facility operation; and the air contaminants and amounts which are emitted as a result of the activity or facility operation per 106.263(g)(1)-(4). MSS emissions are recorded by the end of the month following the month during which the MSS activity occurred; these emissions are summed monthly, and the rolling 12-month emissions record is updated on a monthly basis to demonstrate compliance with the limits in 106.4 and 106.263(f). Calculated emissions are kept on-site.
SJWT_CITK	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
TNK95-01	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TNK95-10	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
TNK95-20	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
TNK95-30	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
TNK95-40	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
TNK95-1025	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TNK95-1026	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
TNK95-1845	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
TNK95-1846	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
UTL-95-20	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
UTL-95-30	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
UTL-95-40	106.472	9/4/2000	Engineering calculations using AP-42, Fifth Edition, Volume I Chapter 7 (Sept. 2025) Section 7.1.3.1 equations for fixed roof tanks are kept on-site and show maximum possible emissions are below the limits in 106.4.
216	106.261	147836; 149767; 178570	The flare is monitored as required in NSR Permit 4437A, PSDTX808 and N014M2, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
216	106.262	149767; 178570	The flare is monitored as required in NSR Permit 4437A, PSDTX808 and N014M2, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
219	106.261	168949; 178570	The baghouse filters are monitored according to NSR Permit Nos. 4437A, PSDTX808 and N014M2.
219	106.262	178570	The baghouse filters are monitored according to NSR Permit Nos. 4437A, PSDTX808 and N014M2.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
259	106.261	131301; 138668; 139421; 140005; 143215; 146146; 151091; 153732; 156160; 156561; 156744; 160659; 162436; 164358; 164420; 164576; 165729; 168562; 168879; 171123; 172355; 173589; 174131; 175896; 176229; 176608; 176982; 177516; 177516; 178570; 179420; 179615; 179913; 180042	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
259	106.262	138668; 140005; 143215; 153732; 156561; 156744; 162436; 164358; 164420; 165729; 168879; 171123; 172355; 173589; 174131; 176229; 176608; 176982; 177516; 177516; 178570; 179420; 179913; 180042	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.

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Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
306	106.261	131301; 138668; 139421; 143215; 146146; 151091; 153732; 155414; 156160; 158987; 160659; 162718; 162827; 163145; 164048; 164576; 168562; 171123; 172355; 173125; 173589; 174131; 175896; 176182; 179171; 179844	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
306	106.262	138668; 143215; 153732; 155414; 158987; 162718; 162827; 163145; 164048; 171123; 172355; 173125; 173589; 174131; 176182; 179171; 179844	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
308	106.261	147836; 149767	The flare is monitored as required in NSR Permit Nos. 4437A, PSDTX808 and N014M2, including minimum combustion zone net heating value and maximum flare tip velocity requirements.

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Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
308	106.262	149767	The flare is monitored as required in NSR Permit Nos. 4437A, PSDTX808 and N014M2, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
406	106.261	138668; 139421; 140005; 143215; 146146; 151091; 156160; 160659; 164048; 164576; 165522; 167951; 168562; 168695; 170971; 171123; 171622; 172355; 173125; 173589; 174131; 175313; 175605; 175896; 178325; 178399; 179615; 180608; 180608	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
406	106.262	138668; 140005; 143215; 164048; 165522; 167951; 168695; 170971; 171123; 171622; 172355; 173125; 173589; 174131; 175313; 175605; 178325; 178399; 178647; 180608; 180608	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.

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Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
408	106.261	147836; 149767; 175313	The flare is monitored as required in NSR Permit 4437A, PSDTX808 and N014M2, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
408	106.262	149767; 175313	The flare is monitored as required in NSR Permit 4437A, PSDTX808 and N014M2, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
900	106.261	156160	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.

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Table D: Monitoring Requirements for registered and claimed PBRs for the Application Area
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Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
901	106.261	118227; 139421; 143215; 146146; 151091; 156160; 160659; 172355; 175896; 179615	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
901	106.262	118227; 143215; 172355	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
1008A/B	106.261	170475	HEPA Filters will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808 and N014M2.
1009A/B	106.261	170475	HEPA Filters will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808 and N014M2.

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Date	Permit Number	Regulated Entity Number
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Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
PE62RLOADA	106.261	168949	The number of material handling operations authorized by this PBR is recorded to ensure compliance with emissions calculation.
PE62RLOADB	106.261	168949	The number of material handling operations authorized by this PBR is recorded to ensure compliance with emissions calculation.
PE62RLOADC	106.261	168949	The number of material handling operations authorized by this PBR is recorded to ensure compliance with emissions calculation.
PE62RLOADD	106.261	168949	The number of material handling operations authorized by this PBR is recorded to ensure compliance with emissions calculation.
PE6-PELLET	106.261	172355; 178570	Pellet emissions will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808and N014M2.
PE6-PELLET	106.262	172355; 178570	Pellet emissions will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808and N014M2.
PE8-PELLET	106.261	175313; 178569	Pellet emissions will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808and N014M2.
PE8-PELLET	106.262	175313; 178569	Pellet emissions will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808and N014M2.

**Polymer Manufacturing Attributes
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General Information

Requested Information	Response
Date:	7/17/2025 (updated 1/23/2026)
Customer Reference No.:	600303614
Regulated Entity No.:	102018322
Permit No.:	O1315
Permit Area Name:	Pasadena Plastics Complex
Permit Type:	SOP
Project Type:	Renewal
Submission Type:	Existing Application Update
Project Number (if available):	38596
Form Information	TCEQ Entry Only
Title V Form Release Date:	03/2003
Form Number:	10048
APD ID Number:	62v1.0
Version Revised Date:	07/2025
	This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

**Polymer Manufacturing Attributes
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Federal Operating Permit Program
Texas Commission on Environmental Quality**

**Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROPE6DDD	60DDDEMERG	PROPYL	YES	89+	NO		
PROPE8DDD	60DDDEMERG	PROPYL	YES	89+	NO		
PROPE6DDD	60DDDICNTL	PROPYL	YES	89+	NO		
PROPE7DDD	60DDDICNTL	PROPYL	YES	89+	NO		
PROPE8DDD	60DDDICNTL	PROPYL	YES	89+	NO		
PROPE6DDD	60DDDWTPCT	PROPYL	YES	89+	NO		
PROPE7DDD	60DDDWTPCT	PROPYL	YES	89+	NO		
PROPE8DDD	60DDDWTPCT	PROPYL	YES	89+	NO		
PROPE6DDD	60DDDTPY	PROPYL	YES	89+	NO		
PROPE7DDD	60DDDTPY	PROPYL	YES	89+	NO		
PROPE8DDD	60DDDTPY	PROPYL	YES	89+	NO		
PROPE6DDD	60DDDCTE	PROPYL	YES	89+	NO		
PROCACTDDD	60DDDCTE	PROPYL	YES	89+	NO		
PROPE6DDD	60DDDCNTL	PROPYL	YES	89+	NO		
PROPE7DDD	60DDDCNTL	PROPYL	YES	89+	NO		
PROPE8DDD	60DDDCNTL	PROPYL	YES	89+	NO		
PROPE8DDD	60DDDAMOC216	PROPYL	YES	89+	NO		

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**Polymer Manufacturing Attributes
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**Table 1b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Process ID No.	SOP Index No.	Control Device Modification	Emergency Vapor Recovery System	EVRS Modification Date	Emission Control Method	Control Device	Control Device ID No.
PROPE6DDD	60DDDICNTL				562C	FLARE	216, 308, 408
PROPE7DDD	60DDDICNTL				562C	FLARE	216, 308, 408
PROPE8DDD	60DDDICNTL				562C	FLARE	216, 308, 408
PROPE6DDD	60DDDCNTL				562C	FLARE	216, 308, 408
PROPE7DDD	60DDDCNTL				562C	FLARE	216, 308, 408
PROPE8DDD	60DDDCNTL				562C	FLARE	216, 308, 408
PROPE8DDD	60DDDAMOC216				562A	CARBADS	CAS-3

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**Polymer Manufacturing Attributes
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**Table 1c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Process ID No.	SOP Index No.	Uses Dimethyl Terephthalate Process	Esterification Vessels in the Raw Materials Preparation Area	Material Recovery Section	TOC Emissions	PET Control Device	Control Device ID No.	Using Steam-Jet Ejectors	Finishers	Viscosity of Product

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**Polymer Manufacturing Attributes
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**Table 1d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROPE6DDD	60DDDEMERG	1-	INTER		
PROPE8DDD	60DDDEMERG	1-	INTER		
PROPE6DDD	60DDDICNTL	1-	INTER		
PROPE7DDD	60DDDICNTL	1-	INTER		
PROPE8DDD	60DDDICNTL	1-	INTER		
PROPE6DDD	60DDDWTPCT	1-	CONT	1.6+	0.1-
PROPE7DDD	60DDDWTPCT	1-	CONT	1.6+	0.1-
PROPE8DDD	60DDDWTPCT	1-	CONT	1.6+	0.1-
PROPE6DDD	60DDDTPY	1-	CONT	1.6-	0.1+
PROPE7DDD	60DDDTPY	1-	CONT	1.6-	0.1+
PROPE8DDD	60DDDTPY	1-	CONT	1.6-	0.1+
PROPE6DDD	60DDDCTE	1-	CONT	1.6+	0.1+
PROCACTDDD	60DDDCTE	1-	CONT	1.6+	0.1+
PROPE6DDD	60DDDCCNTL	1-	CONT	1.6+	0.1+
PROPE7DDD	60DDDCCNTL	1-	CONT	1.6+	0.1+
PROPE8DDD	60DDDCCNTL	1-	CONT	1.6+	0.1+
PROPE8DDD	60DDDAMOC21 6	1-	CONT	1.6+	0.1+

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**Polymer Manufacturing Attributes
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**Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Process ID No.	SOP Index No.	Control of Continuous Emissions	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROPE6DDD	60DDDWTPCT	NONE				NO	
PROPE7DDD	60DDDWTPCT	NONE				NO	
PROPE8DDD	60DDDWTPCT	NONE				NO	
PROPE6DDD	60DDDTPY	NONE				NO	
PROPE7DDD	60DDDTPY	NONE				NO	
PROPE8DDD	60DDDTPY	NONE				NO	
PROPE6DDD	60DDDCTE	NONE				NO	
PROCACTDDD	60DDDCTE	NONE				NO	
PROPE6DDD	60DDDCNTL	NONE	FLARE	216, 308, 408		YES	
PROPE7DDD	60DDDCNTL	NONE	FLARE	216, 308, 408		YES	
PROPE8DDD	60DDDCNTL	NONE	FLARE	216, 308, 408		YES	
PROPE8DDD	60DDDAMOC216	NONE	CARBADS	CAS-3		YES	

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**Polymer Manufacturing Attributes
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**Table 1f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry**

Process ID No.	SOP Index No.	Emergency Vent	Existing Control Device	Intermittent Control Device	Control Device ID No.
PROPE6DDD	60DDDICNTL	NO	NO	FLARE	216, 308, 408
PROPE7DDD	60DDDICNTL	NO	NO	FLARE	216, 308, 408
PROPE8DDD	60DDDICNTL	NO	NO	FLARE	216, 308, 408

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Polyethylene Plant Process Description

Feed streams (ethylene, hexene, and isobutane) are treated and charged to the reactors. The treaters share a regeneration system that uses hot nitrogen to regenerate the treaters. Ethylene is received via pipeline. Hexene is received via pipeline or rail cars and isobutane is received in tank trucks or railcars.

Olefin-free isobutane is used for various reactor flushes and to convey catalyst to the reactor. Catalyst Activators on site activate the catalyst in a fluidized bed with dry heated air in a batch process and sent to the plants in tote bins. Catalyst is conveyed from the tote bins to the mudpots by nitrogen; in the mudpots, the catalyst is mixed with olefin-free isobutane and charged to the reactors through ball check feeders via an agitated pre-contactor vessel.

PE Polymer is made in the pipe loop reactors as discrete particles. A circulating pump keeps the isobutane diluent, reactants and PE particles moving around the loops. The reactors are jacketed with water from a closed loop coolant system to remove the heat of polymerization. PE particles, unreacted monomers, and isobutane hydrocarbon are removed via settling legs and product take-off valves that cycle open and closed and continuous take-off valves.

The reactor effluent is routed through steam jacketed lines to high and low pressure flash chambers and/or the alternate flash tank where hydrocarbon (flash gas) is separated from the polymer fluff. The final step in the separation of the polymer fluff and the flash gas takes place in the purge column. Flash gas is routed through bag filters to the flash gas compressor and/or to the distillation columns (described below) to recover diluent and unreacted monomer. Polymer fluff is routed to the finishing section where it is mixed with additives and sent to the extruder where it is melted and then fed to the pelletizer. The pellets are water cooled, dried, graded and sent to the silos for loading.

The compressed flash gas is routed to the dehexanizer column. The dehexanizer overhead is fed to the deethanizer column and the bottoms are fed to the C6 splitter column. The deethanizer overhead is routed to the flare. The deethanizer side draw is recycle isobutane and the deethanizer bottoms are olefin-free isobutane to be used as described above (flushes and catalyst slurry). The C6 splitter overhead liquid is recycle hexene; the heavies off the bottom are routed to the flare.

Isobutane and nitrogen are collected from the purge column overhead, catalyst knockout tanks, and other sources, compressed, partially condensed, and separated. The recovered isobutane is fed to the dehexanizer while the Nitrogen and residual isobutane are flared.

The propane refrigeration system and the flare system are utilities that contain flammable materials. Other utility and support systems include electric power, instrument air, nitrogen, fuel gas, cooling water, and steam.

Three flares dedicated to polyethylene (PE) production lines, i.e., PE6, PE7, and PE8 control routine and MSS emissions that occur throughout each process. If necessary to perform flare maintenance, the flares can be crossed over. Each PE production line has a dedicated cooling tower.

**Federal Operating Permit Application
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. Address written inquiries 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:	Chevron Phillips Chemical Company, LP
B. Customer Reference Number (CN):	CN600303614
C. Submittal Date (mm/dd/yyyy):	7/17/2025 (Updated 12/08/2025)
II. Site Information	
A. Site Name:	Pasadena Plastics Complex
B. Regulated Entity Reference Number (RN):	RN102018322
C. Indicate affected state(s) required to review permit application: (Check the appropriate box[es]).	
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A	
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: (Check the appropriate box[es].)	
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS	
Other:	
E. Is the source 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 checked="" type="checkbox"/> YES <input 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: (Select only one response)	
<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 Application
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 a 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)	
RO Name Prefix:	<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name:	Bryan Canfield
RO Title:	Executive Vice President - Manufacturing & Projects
Employer Name:	Chevron Phillips Chemical Company LP
Mailing Address:	9500 Lakeside Blvd
City:	The Woodlands
State:	Texas
ZIP Code:	77381
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.:	(713) 475- 3621
Fax No.:	
E-mail:	Bryan.Canfield@cpchem.com

**Federal Operating Permit Application
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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"/> s. <input type="checkbox"/>)
Technical Contact Full Name:	Ravi Kaggal
Technical Contact Title:	Environmental Supervisor
Employer Name:	Chevron Phillips Chemical Company, LP
Mailing Address:	1400 Jefferson Road
City:	Pasadena
State:	Texas
ZIP Code:	77506
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.:	713-475-5685
Fax No.:	
E-mail:	Ravi.Kaggal@cpchem.com
VIII. Reference Only Requirements <i>(For reference only.)</i>	
A. State Senator:	Carol Alvarado
B. State Representative:	Mary Ann Perez
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

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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"/> s. <input type="checkbox"/>)
Contact Full Name:	
E. Telephone No.:	
X. Application Area Information	
A. Area Name:	Pasadena Plastics Complex
B. Physical Address:	1400 Jefferson Road
City:	Pasadena
State:	Texas
ZIP Code:	77506
C. Physical Location:	
D. Nearest City:	
E. State:	
F. ZIP Code:	

**Federal Operating Permit Application
Site Information Summary
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Texas Commission on Environmental Quality**

X. Application Area Information (continued)	
G. Latitude (nearest second):	29° 43' 40"
H. Longitude (nearest second):	-95° 10' 52"
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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area:	See Permit
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 (Complete this section for SOP Applications and Acid Rain Permit Applications only.)	
A. Name of public place to view application and draft permit:	Pasadena Public Library: Central
B. Physical Address:	1201 Jeff Ginn Memorial Drive
City:	Pasadena
ZIP Code:	77506
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"/> s. <input type="checkbox"/>)
Contact Person Full Name:	Ravi Kaggal
Contact Mailing Address:	1400 Jefferson Road
City:	Pasadena
State:	Texas
ZIP Code:	77506
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.:	713-475-5685

**Federal Operating Permit Application
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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 permit 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"/> s. <input type="checkbox"/>)
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 Application
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Complete Sections XIII and XIV for Acid Rain Permit and CSAPR permit applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIV. Alternate Designated Representative (ADR) Identifying Information
ADR Name Prefix:: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> s. <input type="checkbox"/>)
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:

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date:	Permit No.:	Regulated Entity No:
7/17/2025 (Updated 12/08/2025)	O1315	102018322

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	49	GRPDSLTK	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	§115.111(a)(8)	Tank capacity is less than 1,000 gallons
A	49	GRPDSLTK	OP-REQ2	40 CFR Part 60, Subpart Kb	§60.110b(b)	Tank capacity is less than 75 cubic meters (19,813 gallons)
A	49	313	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	355	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPDEGREAS	OP-REQ2	30 TAC Chapter 115, Degreasing Processes	§115.410(a)	Do not use volatile organic compound-containing solvent for cold solvent degreasing processes
A	49	GRPHCSPVSL	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPE6PELT	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	Equipment is not part of the MCPU because it is located past the end of a process that produces a solid material (the dryer or extruder).
A	49	GRPE7PELT	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	Equipment is not part of the MCPU because it is located past the end of a process that produces a solid material (the dryer or extruder).
A	49	GRPPESCV	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPE8PELT	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	Equipment is not part of the MCPU because it is located past the end of a process that produces a solid material (the dryer or extruder).
A	49	GRPHRVOCAN	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
Texas Commission on Environmental Quality

Date:	Permit No.:	Regulated Entity No:
7/17/2025 (Updated 12/08/2025)	O1315	102018322

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	49	GRPOLYVNT1	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPOLYVNT2	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPOLYVNT4	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	UTL-95-02	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550(i)	Equipment does not contain HAP ; not a storage tank as defined in 63.2550.
A	49	PE6-95-147	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550(i)	Vessel storing organic liquids that contain HAP only as impurities; not a storage tank as defined in §63.2550
A	49	PE7-95-147	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550(i)	Vessel storing organic liquids that contain HAP only as impurities; not a storage tank as defined in §63.2550
A	49	PE8-95-147	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550(i)	Vessel storing organic liquids that contain HAP only as impurities; not a storage tank as defined in §63.2550
A	49	UTL-95-19	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550(i)	Vessel storing organic liquids that contain HAP only as impurities; not a storage tank as defined in §63.2550

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.			
7/17/2025 (Updated 12/08/2025)		01315		102018322			
Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	83	OP-SUMR	CATALYST ACTIVATOR 2 MAIN BURNER		4437A	PSDTX808, N014M2
D	2	86	OP-SUMR	CATALYST ACTIVATOR 3 MAIN BURNER		4437A	PSDTX808, N014M2
D	3	146	OP-SUMR	CATALYST ACTIVATOR 4 MAIN BURNER		4437A	PSDTX808, N014M2
D	4	170	OP-SUMR	CATALYST ACTIVATOR 5 MAIN BURNER		4437A	PSDTX808, N014M2
D	5	201	OP-SUMR	PE6 FLASH TANK		4437A	PSDTX808, N014M2
	6	216	OP-SUMR	PE FLARE		4437A 106.261/09/06/2017 [147836] 106.261/02/01/2018 [149767] 106.261/01/08/2025[178570] 106.262/02/01/2018 [149767] 106.262/01/08/2025[178570]	PSDTX808, N014M2
	7	217	OP-SUMR OP-REQ3 OP-UA15	PE6 EXTRUDER FEED/BLENDER - TRAIN 2 (PE6-AV29) (PE6-AV1)		4437A	PSDTX808, N014M2
D	8	250	OP-SUMR	PE6 FLASH TANK (TRAIN 2)		4437A	PSDTX808, N014M2
D	11	300	OP-SUMR	PE7 FLASH TANK		4437A	PSDTX808, N014M2
D	16	350	OP-SUMR	PE7 FLASH TANK (TRAIN 2)		4437A	PSDTX808, N014M2
D	18	400	OP-SUMR	PE8 FLASH TANK		4437A	PSDTX808, N014M2
	20	408	OP-SUMR OP-REQ3 OP-UA1 OP-UA7	PE 8 FLARE		4437A 152228 106.261/09/06/2017[147836] 106.261/02/01/2018[149767] 106.262/02/01/2018[149767] 106.261/02/15/2024[175313] 106.262/02/15/2024[175313]	PSDTX808, N014M2
D	22	450	OP-SUMR	PE8 FLASH TANK (TRAIN 2)		4437A	PSDTX808, N014M2
D	24	1000	OP-SUMR	CATALYST ACTIVATOR 1 MAIN BURNER		4437A	PSDTX808, N014M2

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D	25	1001	OP-SUMR	CATALYST ACTIVATOR 1 HEPA FILTER VENT		4437A	PSDTX808, N014M2
D	26	1002	OP-SUMR	CATALYST ACTIVATOR 2 HEPA FILTER VENT		4437A	PSDTX808, N014M2
D	27	1003	OP-SUMR	CATALYST ACTIVATOR 5 HEPA FILTER VENT		4437A	PSDTX808, N014M2
D	30	1003A	OP-SUMR	CATALYST ACTIVATOR 3 HEPA FILTER VENT		4437A	PSDTX808, N014M2
D	31	1003B	OP-SUMR	CATALYST ACTIVATOR 4 HEPA FILTER VENT		4437A	PSDTX808, N014M2
	32	1008A/B	OP-SUMR	CATALYST ACTIVATOR 6 HEPA FILTER VENT		4437A 106.261/11/4/2022 [170475]	PSDTX808, N014M2
	33	1009A/B	OP-SUMR	CATALYST ACTIVATOR 7 HEPA FILTER VENT		4437A 106.261/11/4/2022 [170475]	PSDTX808, N014M2
	36	A173228-P6	OP-SUMR	PLANT 6 DEETHANIZER COLUMN ANALYZER (COMMON VENT)		4437A	PSDTX808, N014M2
	37	A183228-P7	OP-SUMR	PLANT 7 DEETHANIZER COLUMN ANALYZER (COMMON VENT)		4437A	PSDTX808, N014M2
D	38	A183811-P6	OP-SUMR	PLANT 6 CLOSED LOOP NITROGEN OXYGEN ANALYZER VENT		4437A	PSDTX808, N014M2
D	39	A193811-P7	OP-SUMR	PLANT 7 CLOSED LOOP NITROGEN OXYGEN ANALYZER VENT		4437A	PSDTX808, N014M2
D	40	A193811-P8	OP-SUMR	PLANT 8 CLOSED LOOP NITROGEN OXYGEN ANALYZER VENT		4437A	PSDTX808, N014M2
A	41	BKPFWP	OP-SUMR OP-REQ3 OP-UA2	BACKUP FIREWATER PUMP		106.511/09/04/2000	
D	42	DEG-7	OP-SUMR	PE MAIN SHOP DEGREASER		106.454/11/01/2001	
	65	HCS-95-02	OP-SUMR	FRESH HEXENE STORAGE PROCESS TANK		4437A	PSDTX808, N014M2

Texas Commission on Environmental Quality
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Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	66	HCS-95-07	OP-SUMR	FRESH ISOBUTANE PROCESS TANK		4437A	PSDTX808, N014M2
	67	HCS-95-10	OP-SUMR	BUTENE CO-PRODUCT STORAGE- PROCESS TANK - PLANT VIII		4437A	PSDTX808, N014M2
A	68	MONMTNCVNT	OP-SUMR OP-REQ3 OP-UA1	MON MAINTENANCE VENTS		4437A	PSDTX808, N014M2
	76	PE6-PV	OP-SUMR OP-REQ3 OP-UA15	PE6 PROCESS VENTS HEADER TO FLARE		4437A	PSDTX808, N014M2
	78	PE7-PV	OP-SUMR OP-REQ3 OP-UA15	PE7 PROCESS VENTS HEADER TO FLARE		4437A	PSDTX808, N014M2
	82	PE8-PV	OP-SUMR OP-REQ3 OP-UA15	PE8 PROCESS VENTS HEADER TO FLARE		4437A	PSDTX808, N014M2
	81	PE8-AV1B	OP-SUMR OP-REQ3 OP-UA15	MASTER FEEDER VENT - TRAIN 1		4437A	PSDTX808, N014M2
A	83	PROCACTDDD	OP-SUMR OP-REQ3 OP-UA28	CATALYST ACTIVATION UNIT		4437A	PSDTX808, N014M2
D	85	PROCATCT3	OP-SUMR	CATACT-NSPS DDD NO CONTROLS BASED ON TABLE 3 CALS		4437A	PSDTX808, N014M2
D	87	PROPE6CAE	OP-SUMR	PE6-NSPS DDD EXEMPT VENT STREAMS (<1.6 MG/YR)		4437A	PSDTX808, N014M2
D	88	PROPE6CT3	OP-SUMR	PE6-NSPS DDD		4437A	PSDTX808, N014M2
D	89	PROPE6CWP	OP-SUMR	PE6-NSPS DDD EXEMPT VENT STREAMS (<0.1 WT%)		4437A	PSDTX808, N014M2
A	90	PROPE6DDD	OP-SUMR OP-REQ3 OP-UA28	POLYETHYLENE UNIT 6		4437A	PSDTX808, N014M2
D	91	PROPE6ISF	OP-SUMR	PE6-NSPS DDD EXEMPT VENT STREAMS (EMERGENCY VENTS)		4437A	PSDTX808, N014M2
D	93	PROPE7CAE	OP-SUMR	PE7-NSPS DDD EXEMPT VENT STREAMS (<1.6 MG/YR)		4437A	PSDTX808, N014M2

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Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	94	PROPE7CWP	OP-SUMR	PE7-NSPS DDD EXEMPT VENT STREAMS (<0.1 WT %)		4437A	PSDTX808, N014M2
A	95	PROPE7DDD	OP-SUMR OP-REQ3 OP-UA28	POLYETHYLENE UNIT 7		4437A	PSDTX808, N014M2
D	96	PROPE7ISF	OP-SUMR	PE7-NSPS DDD EXEMPT VENT STREAMS (EMERGENCY VENTS)		4437A	PSDTX808, N014M2
D	98	PROPE8CAE	OP-SUMR	PE8-NSPS DDD EXEMPT VENT STREAMS (<1.6 MG/YR)		4437A	PSDTX808, N014M2
D	99	PROPE8CWP	OP-SUMR	PE8-NSPS DDD EXEMPT VENT STREAMS (<0.1 WT%)		4437A	PSDTX808, N014M2
A	100	PROPE8DDD	OP-SUMR OP-REQ3 OP-UA28	POLYETHYLENE UNIT 8		4437A	PSDTX808, N014M2
D	101	PROPE8ISF	OP-SUMR	PE8-NSPS DDD EXEMPT VENT STREAMS (EMERGENCY VENTS)		4437A	PSDTX808, N014M2
A	102	TNK95-01	OP-SUMR	COB Generator Diesel Tank		106.472/09/04/2000	
A	103	TNK95-10	OP-SUMR	FIREWATER PUMP #1 DIESEL STORAGE TANK		106.472/09/04/2000	
A	104	TNK95-20	OP-SUMR	FIREWATER PUMP #2 DIESEL STORAGE TANK		106.472/09/04/2000	
A	105	TNK95-30	OP-SUMR	FIREWATER PUMP #3 DIESEL STORAGE TANK		106.472/09/04/2000	
A	106	TNK95-40	OP-SUMR	FIREWATER PUMP #4 DIESEL STORAGE TANK		106.472/09/04/2000	
A	109	TNK95-1845	OP-SUMR	FW 5 Diesel Tank		106.472/09/04/2000	
A	110	TNK95-1846	OP-SUMR	FW 6 Diesel Tank		106.472/09/04/2000	
D	111	UST-1	OP-SUMR	UNDERGROUND UNLEADED TANK #1		106.412/09/04/2000	

Texas Commission on Environmental Quality
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Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	112	UST-1-L	OP-SUMR	GASOLINE LOADING (MOTOR VEHICLE REFUELING)		106.412/09/04/2000	
D	113	UST-2	OP-SUMR	UNDERGROUND UNLEADED TANK #2		106.412/09/04/2000	
D	114	UST-2-L	OP-SUMR	GASOLINE LOADING (MOTOR VEHICLE REFUELING)		106.412/09/04/2000	
D	115	UST-3	OP-SUMR	UNDERGROUND DIESEL TANK #3		106.472/09/04/2000	
D	116	UST-3-L	OP-SUMR	DIESEL LOADING (MOTOR VEHICLE REFUELING)		106.472/09/04/2000	
	119	219	OP-SUMR	PE6 PELLETT LOADOUT (RAILCAR)		4437A 106.261/06/17/2022 [168949] 106.261/01/08/2025 [178570] 106.262/01/08/2025 [178570]	PSDTX808, N014M2
	13	308	OP-REQ3 OP-UA1 OP-UA7 OP-SUMR	PE 6/7 FLARE		4437A 106.261/09/06/2017 [147836] 106.261/02/01/2018 [149767] 106.262/02/01/2018 [149767]	PSDTX808, N014M2
	119	900	OP-SUMR	HC L/UL PIPING FUGITIVES		4437A, PSDTX808, N014M2, 106.262/11/01/2003 106.261/04/25/2019[156160]	PSDTX808, N014M2
	119	901	OP-SUMR	PE HC STORAGE PIPING FUGITIVES		4437A 106.261/05/16/2014[118227] 106.262/05/16/2014[118227] 106.261/04/27/2016[139421] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/04/25/2019[156160] 106.261/04/09/2020[160659] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/04/11/2024[175896] 106.261/04/03/2025[179615]	PSDTX808, N014M2

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 Individual Unit Summary for Revisions
 Form OP-SUMR
 Table 1

Date	Permit No.	Regulated Entity No.
7/17/2025 (Updated 12/08/2025)	01315	102018322

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	9	259	OP-SUMR	PE 6 PIPING FUGITIVES		4437A 106.261/06/01/2015[131301] 106.261/03/09/2016[138668] 106.262/03/09/2016[138668] 106.261/04/27/2016[139421] 106.261/07/15/2016[140005] 106.262/07/15/2016[140005] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/11/13/2018[153732] 106.262/11/13/2018[153732] 106.261/04/25/2019[156160] 106.261/04/26/2019[156561] 106.262/04/26/2019[156561] 106.261/06/03/2019[156744] 106.262/06/03/2019[156744] 106.261/04/09/2020[160659] 106.261/09/11/2020[162436] 106.262/09/11/2020[162436] 106.261/03/23/2021[164358] 106.262/03/23/2021[164358] 106.261/04/02/2021[164420] 106.262/04/02/2021[164420] 106.261/04/26/2021[164576] 106.261/07/13/2021[165729] 106.262/07/13/2021[165729] 106.261/04/28/2022[168562] 106.261/05/19/2022[168879] 106.262/05/19/2022[168879] 106.261/12/16/2022[171123] 106.262/12/16/2022[171123] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/08/30/2023[173589] 106.262/08/30/2023[173589] 106.261/10/06/2023[174131] 106.262/10/06/2023[174131] 106.261/04/11/2024[175896] 106.261/05/31/2024[176229] 106.262/05/31/2024[176229] 106.261/06/13/2024[176608] 106.262/06/13/2024[176608] 106.261/07/29/2024[176982] 106.262/07/29/2024[176982] 106.261/09/19/2024[177516] 106.262/09/19/2024[177516] 106.261/10/15/2024[177516] 106.262/10/15/2024[177516] 106.261/01/08/2025[178570] 106.262/01/08/2025[178570] 106.261/03/21/2025[179420] 106.262/03/21/2025[179420] 106.261/04/03/2025[179615] 106.261/04/24/2025[179913] 106.262/04/24/2025[179913] 106.261/05/06/2025[180042] 106.262/05/06/2025[180042] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355]	PSDTX808, N014M2

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 Table 1

Date	Permit No.	Regulated Entity No.
7/17/2025 (Updated 12/08/2025)	01315	102018322

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	12	306	OP-SUMR	PE 7 PIPING FUGITIVES		4437A 106.261/06/01/2015[131301] 106.261/03/09/2016[138668] 106.262/03/09/2016[138668] 106.261/04/27/2016[139421] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/11/13/2018[153732] 106.262/11/13/2018[153732] 106.261/03/15/2019[155414] 106.262/03/15/2019[155414] 106.261/04/25/2019[156160] 106.261/11/05/2019[158987] 106.262/11/05/2019[158987] 106.261/04/09/2020[160659] 106.261/09/23/2020[162718] 106.262/09/23/2020[162718] 106.261/10/14/2020[162827] 106.262/10/14/2020[162827] 106.261/11/20/2020[163145] 106.262/11/20/2020[163145] 106.261/02/24/2021[164048] 106.262/02/24/2021[164048] 106.261/04/26/2021[164576] 106.261/04/28/2022[168562] 106.261/12/16/2022[171123] 106.262/12/16/2022[171123] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/06/21/2023[173125] 106.262/06/21/2023[173125] 106.261/08/30/2023[173589] 106.262/08/30/2023[173589] 106.261/10/06/2023[174131] 106.262/10/06/2023[174131] 106.261/04/11/2024[175896] 106.261/04/30/2024[176182] 106.262/04/30/2024[176182] 106.261/02/21/2025[179171] 106.262/02/21/2025[179171] 106.261/04/17/2025[179844] 106.262/04/17/2025[179844]	PSDTX808, N014M2

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Date	Permit No.	Regulated Entity No.
7/17/2025 (Updated 12/08/2025)	01315	102018322

Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/ Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	19	406	OP-SUMR	PE 8 PIPING FUGITIVES		4437A 106.261/03/09/2016[138668] 106.262/03/09/2016[138668] 106.261/04/27/2016[139421] 106.261/07/15/2016[140005] 106.262/07/15/2016[140005] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/04/25/2019[156160] 106.261/04/09/2020[160659] 106.261/02/24/2021[164048] 106.262/02/24/2021[164048] 106.261/04/26/2021[164576] 106.261/07/08/2021[165522] 106.262/07/08/2021[165522] 106.261/03/02/2022[167951] 106.262/03/02/2022[167951] 106.261/04/22/2022[168695] 106.262/04/22/2022[168695] 106.261/04/28/2022[168562] 106.261/11/17/2022[170971] 106.262/11/17/2022[170971] 106.261/12/16/2022[171123] 106.262/12/16/2022[171123] 106.261/02/10/2023[171622] 106.262/02/10/2023[171622] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/06/21/2023[173125] 106.262/06/21/2023[173125] 106.261/08/30/2023[173589] 106.262/08/30/2023[173589] 106.261/10/06/2023[174131] 106.262/10/06/2023[174131] 106.261/02/15/2024[175313] 106.262/02/15/2024[175313] 106.261/03/12/2024[175605] 106.262/03/12/2024[175605] 106.261/04/11/2024[175896] 106.261/12/03/2024[178325] 106.262/12/03/2024[178325] 106.261/12/03/2024[178399] 106.262/12/03/2024[178399] 106.262/12/30/2024[178647] 106.261/04/03/2025[179615]	PSDTX808, N014M2

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 Table 2

Date	Permit No.	Regulated Entity No.		
7/17/2025	O1315	102018322		

Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
5	201	OP-SUMR	D	GRPOLYVNT3
7	217	OP-SUMR OP-REQ3 OP-UA15	D	GRPHR1K-
8	250	OP-SUMR	D	GRPOLYVNT3
10	261	OP-SUMR OP-REQ3 OP-UA15	D	GRPHR1K-
9	259	OP-SUMR OP-REQ3 OP-UA1 OP-UA12	D	GRPDDDFUG
11	300	OP-SUMR	D	GRPOLYVNT3
12	306	OP-SUMR OP-REQ3 OP-UA1 OP-UA12	D	GRPDDDFUG
14	311	OP-SUMR OP-UA15	D	GRPHR1K-
15	313	OP-REQ2 OP-REQ3 OP-UA15	D	GRPHR1K-
16	350	OP-SUMR	D	GRPOLYVNT3
17	355	OP-REQ2 OP-REQ3 OP-UA15	D	GRPHR1K-
18	400	OP-SUMR	D	GRPOLYVNT3
19	406	OP-SUMR OP-REQ3 OP-UA1 OP-UA12	D	GRPDDDFUG
22	450	OP-SUMR	D	GRPOLYVNT3

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Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
42	DEG-7	OP-SUMR	D	GRPDEGREAS
65	HCS-95-02	OP-SUMR	D	GRPHCSTANK
65	HCS-95-02	OP-SUMR	A	GRPHCSPVSL
66	HCS-95-07	OP-SUMR	D	GRPHCSTANK
66	HCS-95-07	OP-SUMR	A	GRPHCSPVSL
67	HCS-95-10	OP-SUMR	D	GRPHCSTANK
67	HCS-95-10	OP-SUMR	A	GRPHCSPVSL
69	P6-V-1	OP-SUMR	A	GRPPEG1BPV
71	P7-V-1	OP-SUMR	A	GRPPEG1BPV
73	P8-V-1	OP-SUMR	A	GRPPEG1BPV
102	TNK95-01	OP-SUMR	A	GRPDSLTK
103	TNK95-10	OP-SUMR	A	GRPDSLTK
104	TNK95-20	OP-SUMR	A	GRPDSLTK
105	TNK95-30	OP-SUMR	A	GRPDSLTK
106	TNK95-40	OP-SUMR	A	GRPDSLTK

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Revision No.	ID No.	Applicable Form	Group AI	Group ID No.
107	TNK95-1025	OP-SUMR	D	GRPSJWTTNK
107	TNK95-1025	OP-SUMR	A	GRPDSLTKN
108	TNK95-1026	OP-SUMR	D	GRPSJWTTNK
108	TNK95-1026	OP-SUMR	A	GRPDSLTKN
109	TNK95-1845	OP-SUMR	A	GRPDSLTKN
110	TNK95-1846	OP-SUMR	A	GRPDSLTKN

Polymer Manufacturing Attributes

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Federal Operating Permit Program

Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry

Date	Permit No.	Regulated Entity No
7/17/2025 (Update 12/08/2025)	O1315	102018322

Process ID No.	SOP Index No.	Control of Continuous Emissions	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROPE6DDD	60DDDWTPCT	NONE	-	-	-	NO	-
PROPE7DDD	60DDDWTPCT	NONE	-	-	-	NO	-
PROPE8DDD	60DDDWTPCT	NONE	-	-	-	NO	-
PROPE6DDD	60DDDTPY	NONE	-	-	-	NO	-
PROPE7DDD	60DDDTPY	NONE	-	-	-	NO	-

Polymer Manufacturing Attributes

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Federal Operating Permit Program

Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry

Date	Permit No.	Regulated Entity No
7/17/2025 (Update 12/08/2025)	O1315	102018322

Process ID No.	SOP Index No.	Control of Continuous Emissions	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROPE8DDD	60DDDTYPY	NONE	-	-	-	NO	-
PROPE6DDD	60DDDCTE	NONE	-	-	-	NO	-
PROCACTDDD	60DDDCTE	NONE	-	-	-	NO	-
PROPE6DDD	60DDDCNTL	ALL	FLARE	216, 308, 408	CTE+	-	98+
PROPE7DDD	60DDDCNTL	ALL	FLARE	216, 308, 408	CTE+	-	98+

Polymer Manufacturing Attributes

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Federal Operating Permit Program

Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry

Date	Permit No.	Regulated Entity No
7/17/2025 (<i>Update 12/08/2025</i>)	O1315	102018322

Process ID No.	SOP Index No.	Control of Continuous Emissions	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROPE8DDD	60DDDCNTL	ALL	FLARE	216, 308, 408	CTE+	-	98+
PROPE8DDD	60DDDAMOC216	ALL	CARBADS	CAS-3	CTE+	-	98+

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
1010	Catalyst Activator 6 Main Burner	VOC	0.05	---	15, 23	15, 23	
		PM	0.07	---			
		PM ₁₀	0.07	---			
		PM _{2.5}	0.07	---			
		SO ₂	0.14	---			
		NO _x	0.35	---			
		CO	0.81	---			
1011	Catalyst Activator 7 Main Burner	VOC	0.05	---	15, 23	15, 23	
		PM	0.07	---			
		PM ₁₀	0.07	---			
		PM _{2.5}	0.07	---			
		SO ₂	0.14	---			
		NO _x	0.35	---			
		CO	0.81	---			
1010 and 1011	Catalyst Activator Burners 6, 7	PM	---	0.64	15, 23	15, 23	
		PM ₁₀	---	0.64			
		PM _{2.5}	---	0.64			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂	---	1.20			
		NO _x	---	3.09			
		CO	---	3.54			
		VOC	---	0.46			
1008A/B	Catalyst Activator 6 HEPA Filter Vent	PM	2.14	---	3, 4, 15, 16, 23	3, 4, 15, 16, 23	3, 4
		PM ₁₀	0.14	---			
		PM _{2.5}	0.03	---			
		VOC	44.40	---			
		CO	46.80	---			
1009A/B	Catalyst Activator 7 HEPA Filter Vent	PM	2.14	---	3, 4, 15, 16, 23	3, 4, 15, 16, 23	3, 4
		PM ₁₀	0.14	---			
		PM _{2.5}	0.03	---			
		VOC	44.40	---			
		CO	46.80	---			
1008A/B, 1009A/B	Catalyst Activators 6, 7 HEPA Filter Vent	PM	---	0.65	3, 4, 15, 16, 23	3, 4, 15, 16, 23	3, 4
		PM ₁₀	---	0.04			
		PM _{2.5}	---	0.01			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		CO	---	26.00			
		VOC	---	3.86			
1007	Catalyst Activator Fugitive Emissions	PM	<0.01	0.01	23	23	
		PM ₁₀	<0.01	<0.01			
		PM _{2.5}	<0.01	<0.01			
20	Administrative Complex Emergency Generator	PM	0.86	0.04	23	23	
		PM ₁₀	0.86	0.04			
		PM _{2.5}	0.86	0.04			
		SO ₂	0.80	0.04			
		NO _x	12.09	0.60			
		CO	2.61	0.13			
		VOC	0.96	0.05			
201	Flash Tank Cleanout	VOC	1.00	---	23, 25, 27, 28, 31	23, 25, 27, 28, 31	
250	Flash Tank Cleanout	VOC	1.00	---	23, 25, 27, 28, 31	23, 25, 27, 28, 31	
201 & 250	Flash Tank Cleanout	VOC	---	0.15	23, 25, 27, 28, 31	23, 25, 27, 28, 31	
206	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM ₁₀	0.07	---			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	0.07	---			
		VOC	0.03	---			
252	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM ₁₀	0.07	---			
		PM _{2.5}	0.07	---			
		VOC	0.03	---			
206 & 252	Powder Additive Tanks	PM	---	0.08	3,23	3,23	3
		PM ₁₀	---	0.08			
		PM _{2.5}	---	0.08			
		VOC	---	0.03			
207	Pellet Dryer	VOC	0.61	2.68	3, 23	3, 23	3
208	Blend Tanks	PM	0.04	0.19	23	23	
		PM ₁₀	0.04	0.19			
		PM _{2.5}	0.04	0.19			
209	Off-Spec Tank	PM	0.05	---	23	23	
		PM ₁₀	0.05	---			
		PM _{2.5}	0.05	---			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
255	Off-Spec Tank	PM	0.05	---	23	23	
		PM ₁₀	0.05	---			
		PM _{2.5}	0.05	---			
209 & 255	Off-Spec Tanks	PM	---	0.20	23	23	
		PM ₁₀	---	0.20			
		PM _{2.5}	---	0.20			
210	Pellet Storage Tanks/Cyclone Vents	PM	0.15	0.67	23	23	
		PM ₁₀	0.15	0.67			
		PM _{2.5}	0.15	0.67			
217	Extruder Feed Tank & Cont Bleeder Vent	PM	0.01	0.04	3, 23	3, 23	
		PM ₁₀	0.01	0.04			
		PM _{2.5}	0.01	0.04			
		VOC	2.85	12.50			
219	Pellet Loadout Filter	PM	0.04	0.21	23	23	
		PM ₁₀	0.04	0.21			
		PM _{2.5}	0.04	0.21			
PE6-Pellet	P6 Pellet Loss	VOC	9.60	36.79	17, 23	17, 23	

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
253	Pellet Dryer	VOC	0.61	2.68	3, 23	3, 23	
254	Blend Tanks	PM	0.04	0.19	23	23	
		PM ₁₀	0.04	0.19			
		PM _{2.5}	0.04	0.19			
256	PE 6 Analyzer Vents	VOC	0.01	0.05	23	23	
257	Pellet Storage Tanks/Cyclone Vents	PM	0.15	0.67	23	23	
		PM ₁₀	0.15	0.67			
		PM _{2.5}	0.15	0.67			
259	PE6 Piping Fugitives (5)	VOC	8.33	36.46	3, 4, 5, 6, 7, 8, 9, 10, 23	3, 4, 5, 8, 9, 10, 23	3, 4, 10
260	Plant 6 Cooling Tower	PM	1.68	7.36	11, 23	11, 23	
		PM ₁₀	0.96	4.21			
		PM _{2.5}	<0.01	0.02			
		VOC	1.18	3.86			
261	Extruder Feed Tank & Cont Bleeder Vent	PM	0.01	0.04	3, 23	3, 23	3
		PM ₁₀	0.01	0.04			
		PM _{2.5}	0.01	0.04			
		VOC	2.85	12.50			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
27	Water Well Number 5 Engine	PM	0.03	0.01	23	23	
		PM ₁₀	0.03	0.01			
		PM _{2.5}	0.03	0.01			
		SO ₂	<0.01	<0.01			
		NO _x	0.27	0.12			
		CO	0.40	0.18			
		VOC	0.05	0.02			
300	Flash Tank Cleanout	VOC	1.00	---	23, 25, 27, 28, 31	23, 25, 27, 28	
350	Flash Tank Cleanout	VOC	1.00	---	23, 25, 27, 28, 31	23, 25, 27, 28	
300 & 350	Flash Tanks Cleanout	VOC	---	0.15	23, 25, 27, 28, 31	23, 25, 27, 28	
302	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM ₁₀	0.07	---			
		PM _{2.5}	0.07	---			
		VOC	0.03	---			
352	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM ₁₀	0.07	---			
		PM _{2.5}	0.07	---			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		VOC	0.03	---			
302 & 352	Powder Additive Tanks	PM	---	0.08	3, 23	3, 23	3
		PM ₁₀	---	0.08			
		PM _{2.5}	---	0.08			
		VOC	---	0.03			
303	Pellet Dryer	VOC	0.51	2.21	3, 23	3, 23	3
304	Pellet Blending & Storage	PM	0.21	0.33	3, 23	3, 23	3
		PM ₁₀	0.21	0.33			
		PM _{2.5}	0.21	0.33			
305	Pellet Loadout Bag Filter	PM	0.04	0.34	13, 23	13, 17, 23	
		PM ₁₀	0.04	0.34			
		PM _{2.5}	0.04	0.34			
305A	Pelletron Deduster	PM	0.01	0.02	13, 23	13, 23	
		PM ₁₀	0.01	0.02			
		PM _{2.5}	0.01	0.02			
306	PE7 Piping Fugitives (5)	VOC	10.38	45.47	3, 4, 5, 6, 7, 8, 9, 10, 23	3, 4, 5, 8, 9, 10, 19, 23	3, 4, 10
307	Plant 7 Cooling Tower	PM	0.50	2.20	11, 23	11, 23	

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM ₁₀	0.29	1.26			
		PM _{2.5}	<0.01	<0.01			
		VOC	1.75	4.58			
311	Fluff Hopper Car Dust Bag Filter	PM	0.04	0.10	3, 13, 23	3, 13, 23	3
		PM ₁₀	0.04	0.10			
		PM _{2.5}	0.04	0.10			
		VOC	0.29	0.67			
313	Extruder Feed Tank & Cont. Bleeder Vent	PM	0.01	0.04	3, 23	3, 23	3
		PM ₁₀	0.01	0.04			
		PM _{2.5}	0.01	0.04			
		VOC	2.85	12.50			
PE7-PELLET	P7 Pellet Loss	VOC	9.60	36.79	3, 17, 23	3, 17, 23	3
353	Pellet Dryer	VOC	0.51	2.21	3, 23	3, 23	3
354	Pellet Blending and Storage	PM	0.21	0.33	3, 23	3, 23	3
		PM ₁₀	0.21	0.33			
		PM _{2.5}	0.21	0.33			
355		PM	0.01	0.04	3, 23	3, 23	3

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Extruder Feed Tank & Cont. Bleeder Vent	PM ₁₀	0.01	0.04			
		PM _{2.5}	0.01	0.04			
		VOC	2.85	12.50			
356	PE 7 Analyzer Vents	VOC	0.01	0.05	23	23	23
400	Flash Tank Cleanout	VOC	1.01	---	23, 25, 27, 28, 31	23, 25, 27, 28, 31	23, 25, 27, 28, 31
450	Flash Tank Cleanout	VOC	1.01	---	23, 25, 27, 28, 31	23, 25, 27, 28, 31	23, 25, 27, 28, 31
400 & 450	Flash Tanks Cleanout	VOC	---	0.12	23, 25, 27, 28, 31	23, 25, 27, 28, 31	23, 25, 27, 28, 31
402	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM ₁₀	0.07	---			
		PM _{2.5}	0.07	---			
		VOC	0.03	---			
452	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM ₁₀	0.07	---			
		PM _{2.5}	0.07	---			
		VOC	0.03				
402 & 452	Powder Additive Tanks	PM	---	0.08	3, 23	3, 23	3
		PM ₁₀	---	0.08			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		PM _{2.5}	---	0.08			
		VOC	---	0.03			
403	Pellet Dryer	VOC	1.82	7.97	3, 23	3, 23	3
404	Pellet Blending & Storage/Cyclone	PM	0.07	0.25	3, 23	3, 23	3
		PM ₁₀	0.07	0.25			
		PM _{2.5}	0.07	0.25			
405	Pellet Loadout Bag Filter	PM	0.01	0.02	13, 23	13, 23	
		PM ₁₀	0.01	0.02			
		PM _{2.5}	0.01	0.02			
406	PE8 Piping Fugitives (5)	VOC	8.30	36.33	3, 4, 5, 6, 7, 8, 9, 10, 23	3, 4, 5, 8, 9, 10, 23	3, 4, 10
407	Plant 8 Cooling Tower	PM	0.45	1.97	11, 23	11, 23	
		PM ₁₀	0.26	1.13			
		PM _{2.5}	<0.01	<0.01			
		VOC	1.58	4.14			
414	Pellet Transfer Hopper	PM	0.01	0.03	13, 23	13, 23	
		PM ₁₀	0.01	0.03			
		PM _{2.5}	0.01	0.03			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
PE8-PELLET	PE 8 Pellet Loss	VOC	9.60	36.79	17, 23	17, 23	
453	Pellet Dryer	VOC	1.82	7.97	3, 23	3, 23	3
454	Pellet Blending & Storage/Cyclone	PM	0.07	0.25	3, 23	3, 23	3
		PM ₁₀	0.07	0.25			
		PM _{2.5}	0.07	0.25			
456	PE 8 Analyzer Vents	VOC	0.01	0.07	23	23	
65.2	Diesel Tank	VOC	0.26	0.01	23	23	
900	HC Unloading Fugitives (5)	VOC	0.30	1.33	4, 5, 6, 7, 9, 10, 23	4, 5, 9, 10, 23	4, 10
901	HC Storage Fugitives (5)	VOC	1.89	8.27	3, 4, 5, 6, 7, 8, 9, 10, 23	3, 4, 5, 8, 9, 10, 23	3, 4, 10
308 (6)	PE 6/7 Flare	NO _x	49.42	---	3, 12, 18, 21, 23	12, 21, 23	
		CO	423.74	---			
		VOC	172.98	---			
		SO ₂	0.22	---			
408 (6)	PE 8 Flare	NO _x	49.42	---	3, 12, 18, 21, 23	12, 21, 23	
		CO	423.74	---			
		VOC	172.98	---			

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
		SO ₂	0.22	---			
216 (6)	PE Flare	NO _x	49.42	---	3, 12, 18, 21, 23	12, 21, 23	
		CO	423.74	---			
		VOC	172.98	---			
		SO ₂	0.22	---			
308, 408, and 216 (6), (7)	All Flares Routine Emissions (CO, SO ₂ , and NO _x limits include both routine and MSS)	NO _x	49.42	57.16	3, 12, 18, 21, 23, 29	12, 21, 23, 25, 27, 29	37
		CO	423.74	490.13			
		VOC	172.98	188.87			
		SO ₂	0.22	0.34			
308, 408, and 216 (6), (7)	All Flares MSS Emissions	VOC	179.07	13.67	12, 21, 23, 29	12, 21, 23, 25, 27, 29	
MSSCAP	MSS Cap (EPNs 8, 10, 902, 903, DEG- 2, 3, 4, PEMSSATM, PEMSSLD), AEROSOL, MISC MSS, FLTCOMSS, PE6CFMSS, PE7CFMSS, PE8CFMSS	VOC	67.47	11.85	23, 27, 28, 29, 30, 33	19, 23, 25, 27, 28, 29, 30, 34	
		PM	9.54	2.26			
		PM ₁₀	8.03	1.35			
		PM _{2.5}	8.03	1.35			
CAS-3	PE8 Carbon Adsorption System	VOC	0.99	3.51	14, 23	14, 19, 23	
1012		PM	0.02	<0.01	23	23	

Major NSR Summary Table

Permit Numbers 4437A, PSDTX808, and N014M2					Issuance Date: November 7, 2024		
Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lb/hr	TPY (4)	Special Condition/Application Information	Special Condition/Application Information	Special Condition/Application Information
	Raw Catalyst Loading Act 6 HEPA Filter Vent	PM ₁₀	0.02	<0.01			
		PM _{2.5}	0.02	<0.01			
1013	Raw Catalyst Loading Act 7 HEPA Filter Vent	PM	0.02	<0.01	23	23	
		PM ₁₀	0.02	<0.01			
		PM _{2.5}	0.02	<0.01			

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
 PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
 PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
 CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Emission limits for the PE Flare (EPN 216), the PE 6/7 Flare (EPN 308), and the PE 8 Flare (EPN 408) include routine and off-gas operation. Flare emissions are based on total flow rate and composition of all process vents.
- (7) Combined emission limits designated as "All Flares" shall not be exceeded no matter how many flares are in operation.

Gabriela Chio

From: Pearson, Caroline E <PEARCA@cpchem.com>
Sent: Tuesday, January 27, 2026 8:41 AM
To: Gabriela Chio; tammy.hartmann@tricordconsulting.com
Cc: Escalante, Christine M; Kaggal, Ravi V; audra.olson
Subject: RE: Technical Review -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex ****EXTERNAL****
Attachments: 2026_01_23 FOP O1315 Project 38596 Form OP-UA28.xlsx

Gaby,

The updated OP-UA28 is attached.

Thank you,

[Caroline Pearson](#)

Environmental Engineer

Cell: 409-280-6011

Email: pearca@cpchem.com

1400 Jefferson Road, Pasadena, TX 77506



From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Sent: Tuesday, January 27, 2026 8:06 AM

To: tammy.hartmann@tricordconsulting.com

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; audra.olson <audra.olson@tricordconsulting.com>

Subject: RE: Technical Review -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex ****EXTERNAL****

Good morning,

I am following up on my previous email requesting additional information.

Please send the requested form **as soon as possible or by 12pm Friday January 30, 2026.**

Please confirm receipt of this email.

Let me know if you have any questions or if there are any delays.

Thank you,

Gaby

Gabriela Chio

Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Gabriela Chio
Sent: Wednesday, January 21, 2026 3:08 PM
To: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>
Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Audra Olson <audra.olson@tricordconsulting.com>
Subject: RE: Technical Review -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [****EXTERNAL****]

Good afternoon Tammy,

Thank you for your responses and for your patience as the updates were reviewed.

After further review and discussion with our internal team who updates the rule flowcharts, UA forms, and RRT, it was found that the OP-UA28 form will likely need updating on our end because some of the form instructions and the flowchart for NSPS DDD are not clear. The applicant was correct in choosing 'NONE' for Control of Continuous Emissions if, as you mentioned, the plant was constructed after 1989, meaning none of the control devices are "existing" as defined in 40 CFR § 60.561. The original responses in Table 1e in the submitted application should be sufficient at this time; but additional information is needed.

Please send the following by **COB January 26, 2026**.

1. Please submit the OP-UA28, Table 1b with 'Emission Control Method' answered. The current navigational instructions in OP-UA28, Table 1b directs applicants to skip Table 1b if "PROPYL" is manufactured, but in this case please submit Table 1b. An answer for Emission Control Method is needed.

Please let me know if you have any questions.

Thank you,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov



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

From: Tammy Hartmann <tammy.hartmann@tricordconsulting.com>

Sent: Monday, December 8, 2025 1:57 PM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>; Tammy Hartmann <tammy.hartmann@tricordconsulting.com>; Audra Olson <audra.olson@tricordconsulting.com>

Subject: RE: Technical Review -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [****EXTERNAL****]

Good afternoon Ms. Chio,

On behalf of Ravi Kaggal at Chevron Phillips Chemical Pasadena Plastics, please see the responses to your questions below/attached. Please let us know if you have additional questions.

1. Submit an updated process description if there were changes since the last renewal. The application indicates several changes to the facility's emission units.
[Response: The updated process description is attached.](#)
2. The SOP renewal application did not include the approved alternative means of control (AMOC) document that is in the effective permit. Confirm if the facility has an approved AMOC by submitting a copy of the AMOC.
[Response: AMOC 216 was included with the renewal application \(pg 310-311 of the application PDF\). We have also attached it for your convenience.](#)
3. Resubmit the OP-1, pg.5 with the following corrections:
 - Update section XI.A. to "Pasadena Public Library: Central" as this is the more accurate name shown on Google Maps.
 - Update the zip code in section XI.B to "77506" as this is what is shown in the Pasadena Public Library website, Google Maps, and the USPS Lookup Tool.[Response: The updated OP-1 is attached](#)
4. Resubmit the OP-SUMR with the following corrections:
 - For unit 216, the PBRs 106.261 and 106.262 (registration number 178570) are missing. According to the OP-PBR SUP, unit 216 has PBR registration number 178570 as well.[Response: The updated OP-SUMR is attached](#)
5. Resubmit the OP-REQ2 with the following corrections:
 - For GRPDSLTK for 30 TAC Chapter 115, Storage of VOC, update the negative applicability reason format to: "Tank capacity is less than 1,000 gallons.", to maintain uniformity in the permit shield sentence format with the same existing permit shields in the effective permit.
 - [Response: The updated OP-REQ2 is attached](#)
 - For GRPDSLTK for NSPS Kb, update the negative applicability reason format to: "Tank capacity is less than 75 cubic meters (19,813 gallons).", to maintain uniformity with existing permit shields in the effective permit.
 - [Response: The updated OP-REQ2 is attached](#)
 - For UTL-95-02. For MACT FFFF, the citation needs to specify the citation detail down to the level of the paragraph allowing the non-applicability and the negative applicability reason

needs to specifically reference the language in the rule for the permit shield request to be acceptable. Provide an updated negative applicability citation and/or negative applicability reason.

- Response: The updated OP-REQ2 is attached indicating 63.2550(i) as the requirement citation (to be considered a MACT FFFF Storage Tank, it must contain a HAP)
 - For units PE6-95-147, PE7-95-147, PE8-95-147, and UTL-95-19 for MACT FFFF, the citation needs to specify the citation detail down to the level of the paragraph allowing the non-applicability for the permit shield to be acceptable. The negative applicability citation provided, 63.2450(a), does not discuss the definition of a storage tank or include the language provided in the negative applicability reason. Provide an updated negative applicability citation.
 - Response: The updated OP-REQ2 is attached indicating 63.2550(i) as the requirement citation (to be considered a MACT FFFF Storage Tank, it must contain a HAP)
6. The effective permit shows applicable requirements under 30 TAC Chapter 115, HRVOC Vent Gas for units PE6-PV, PE7-PV, and PE8-PV. Confirm if the existing applicable requirements and CAM for 30 TAC Ch. 115, HRVOC Vent Gas for units PE6-PV, PE7-PV, and PE8-PV should remain or be removed from the permit.
- > Response: Yes, they should remain. No changes were requested in the application for the HRVOC Vent Gas applicability associated with these Unit IDs.
7. For unit PROPE8DDD, SOP Index No. 60DDDAMOC216, in OP-UA28, Table 1e, the question “Emission Reduction from Control Device” requires an answer if “Table 3 Control Requirements” is “YES” according to the [OP-UA28 instructions \[tceq.texas.gov\]](#). Resubmit OP-UA28, Table 1e, with “Emission Reduction from Control Device” answered.
- > Response: See the updated UA-28 attached (fields that are in bold have been updated). Note – In the submitted application, the response to “Control of Continuous Emissions” was marked “NONE” because the plant was constructed after 1989 (therefore none of the control devices are “existing” per this definition). We have updated the response from “NONE” to “ALL”, assuming the intent of the question is to ask if the emissions are currently controlled. Please advise if this is incorrect.
- [§ 60.561: Existing control device means, for the purposes of these standards, an air pollution control device that has been in operation on or before September 30, 1987, or that has been in operation between September 30, 1987, and January 10, 1989, on those continuous or intermittent emissions from a process section that is marked by an “—” in table 1 of this subpart.]
8. Review the attached Major NSR Summary Table and use Word track changes to update the table. The Major NSR Summary Table provided in the application was missing emission units and special condition numbers, so please add them to the table.
- > Response: We did not find any issues with the Major NSR Summary Table provided with the renewal application for NSR 4437A. Please note that the 11/7/2024 version of the NSR permit removed several emission sources from the permit, which was reflected in the renewal table. Please let us know which sources you believe are excluded from the Major NSR Summary Table. We have updated your table in MS Word to match the one submitted with the renewal application.

Sincerely,

Tammy Hartmann

TRICORD CONSULTING, LLC

945 McKinney St., Ste 389

Houston, TX 77002

Cell: [\(832\) 512-7657](tel:8325127657)

E-mail: tammy.hartmann@tricordconsulting.com

Web: www.TRICORDconsulting.com [tricordconsulting.com]

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Sent: Friday, November 14, 2025 3:42 PM

To: Kaggal, Ravi V <ravi.kaggal@cpchem.com>

Cc: tammy.hartmann@tricordconsulting.com; daniel.guthrie <daniel.guthrie@tricordconsulting.com>; Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>

Subject: RE: Technical Review -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [**EXTERNAL**]

Good afternoon Ravi,

During the technical review for the SOP renewal application for Chevron Phillips Chemical Company LP, Pasadena Plastics Complex it was found that additional information is needed.

Please send the following by **COB November 25, 2025**.

1. Submit an updated process description if there were changes since the last renewal. The application indicates several changes to the facility's emission units.
2. The SOP renewal application did not include the approved alternative means of control (AMOC) document that is in the effective permit. Confirm if the facility has an approved AMOC by submitting a copy of the AMOC.
3. Resubmit the OP-1, pg.5 with the following corrections:
 - Update section XI.A. to "Pasadena Public Library: Central" as this is the more accurate name shown on Google Maps.
 - Update the zip code in section XI.B to "77506" as this is what is shown in the Pasadena Public Library website, Google Maps, and the USPS Lookup Tool.
4. Resubmit the OP-SUMR with the following corrections:
 - For unit 216, the PBRs 106.261 and 106.262 (registration number 178570) are missing. According to the OP-PBRSUP, unit 216 has PBR registration number 178570 as well.
5. Resubmit the OP-REQ2 with the following corrections:
 - For GRPDSLTK for 30 TAC Chapter 115, Storage of VOC, update the negative applicability reason format to: "Tank capacity is less than 1,000 gallons.", to maintain uniformity in the permit shield sentence format with the same existing permit shields in the effective permit.
 - For GRPDSLTK for NSPS Kb, update the negative applicability reason format to: "Tank capacity is less than 75 cubic meters (19,813 gallons).", to maintain uniformity with existing permit shields in the effective permit.
 - For UTL-95-02. For MACT FFFF, the citation needs to specify the citation detail down to the level of the paragraph allowing the non-applicability and the negative applicability reason needs to specifically reference the language in the rule for the permit shield request to be acceptable. Provide an updated negative applicability citation and/or negative applicability reason.
 - For units PE6-95-147, PE7-95-147, PE8-95-147, and UTL-95-19 for MACT FFFF, the citation needs to specify the citation detail down to the level of the paragraph allowing the non-applicability for the permit shield to be acceptable. The negative applicability citation provided, 63.2450(a), does not discuss the definition of a storage tank or include the language provided in the negative applicability reason. Provide an updated negative applicability citation.
6. The effective permit shows applicable requirements under 30 TAC Chapter 115, HRVOC Vent Gas for units PE6-PV, PE7-PV, and PE8-PV. Confirm if the existing applicable requirements and CAM for 30 TAC Ch. 115, HRVOC Vent Gas for units PE6-PV, PE7-PV, and PE8-PV should remain or be removed from the permit.
7. For unit PROPE8DDD, SOP Index No. 60DDDDAMOC216, in OP-UA28, Table 1e, the question "Emission Reduction from Control Device" requires an answer if "Table 3 Control Requirements" is "YES" according

to the [OP-UA28 instructions \[tceq.texas.gov\]](http://tceq.texas.gov). Resubmit OP-UA28, Table 1e, with “Emission Reduction from Control Device” answered.

8. Review the attached Major NSR Summary Table and use Word track changes to update the table. The Major NSR Summary Table provided in the application was missing emission units and special condition numbers, so please add them to the table.

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 \[tceq.texas.gov\]](http://tceq.texas.gov).

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 \[tceq.texas.gov\]](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.

Thank you for your cooperation.

Sincerely,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov

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

From: Kaggal, Ravi V <ravi.kaggal@cpchem.com>

Sent: Sunday, October 19, 2025 4:34 PM

To: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Cc: tammy.hartmann@tricordconsulting.com; daniel.guthrie@tricordconsulting.com; Escalante, Christine M <escalcm@cpchem.com>; Pearson, Caroline E <PEARCA@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>

Subject: RE: Technical Review -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex **[**EXTERNAL**]**

Hi Gaby,

Thank you for letting us know that you would be performing the technical review. We are working with Tricord's Tammy and Daniel on this renewal. They are copied on this email along with CPChem's team members Christine Escalante and Caroline Pearson. If possible, please copy them on any data requests or NODs.

Thank you!

Regards

Ravi Kaggal

Work: 713.475.5685 | Cell: 806.395.1225 | Email: Ravi.Kaggal@cpchem.com

From: Gabriela Chio <Gabriela.Chio@tceq.texas.gov>

Sent: Thursday, October 16, 2025 8:57 AM

To: Kaggal, Ravi V <ravi.kaggal@cpchem.com>

Subject: Technical Review -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex [**EXTERNAL**]

Good morning,

I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O1315 for Chevron Phillips Chemical Company LP, Pasadena Plastics Complex. This application has been assigned Project No. 38596. If you had already received an introductory email from a previous permit reviewer, please disregard that email as this project has been transferred to me now. 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.

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 \[tceq.texas.gov\]](#).

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 [tceq.texas.gov]. 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.

Thank you for your cooperation.

Sincerely,

Gaby

Gabriela Chio
Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov

How are we doing? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey
[\[links.govdelivery.com\]](http://links.govdelivery.com)

Gabriela Chio

From: Gabriela Chio
Sent: Thursday, October 16, 2025 8:57 AM
To: 'ravi.kaggal@cpchem.com'
Subject: Technical Review -- FOP O1315/Project 38596, Chevron Phillips Chemical Company LP/Pasadena Plastics Complex

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Operating Permits Section
Air Permits Division
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711
Phone: 512-239-4930
gabriela.chio@tceq.texas.gov

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

Carolyn Thomas

From: Carolyn Thomas
Sent: Friday, July 25, 2025 9:15 AM
To: 'Kaggal, Ravi V'
Cc: Gill, Cathy M; Canfield, Bryan; Davis, Erica F; Escalante, Christine M
Subject: RE: STEERS / TV 38596 / 1315 - RENEWAL - Chevron Phillips Chemical Company LP
[**EXTERNAL**]

Received, thank you. The TV application has now been certified.

Thank you,
Carolyn Thomas
Air Permits Initial Review Team
Air Permits Division, MC 161
Office of Air Texas Commission on Environmental Quality
Phone: (512) 239-5127
Fax: (512) 233-0973
E-mail: carolyn.thomas@tceq.texas.gov
Web site: www.tceq.texas.gov
Please consider whether it is necessary to print this e-mail.
How are we doing? www.tceq.texas.gov/customersurvey

From: Kaggal, Ravi V <ravi.kaggal@cpchem.com>
Sent: Tuesday, July 22, 2025 2:25 PM
To: Carolyn Thomas <Carolyn.Thomas@tceq.texas.gov>
Cc: Gill, Cathy M <gillcm@cpchem.com>; Canfield, Bryan <bryan.canfield@cpchem.com>; Davis, Erica F <DAVIER@cpchem.com>; Escalante, Christine M <escalcm@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>
Subject: RE: STEERS / TV 38596 / 1315 - RENEWAL - Chevron Phillips Chemical Company LP [**EXTERNAL**]

Hi Carolyn,
The attached OP-DEL includes the effective date corrected to June 2, 2025.
Please let me know if you would like any other information.
Thank you for your help!

Regards
Ravi Kaggal
Work: 713.475.5685 | Cell: 806.395.1225 | Email: Ravi.Kaggal@cpchem.com


From: Carolyn Thomas <Carolyn.Thomas@tceq.texas.gov>
Sent: Tuesday, July 22, 2025 12:27 PM
To: Kaggal, Ravi V <ravi.kaggal@cpchem.com>
Cc: Gill, Cathy M <gillcm@cpchem.com>; Canfield, Bryan <bryan.canfield@cpchem.com>; Davis, Erica F <DAVIER@cpchem.com>
Subject: RE: STEERS / TV 38596 / 1315 - RENEWAL - Chevron Phillips Chemical Company LP [**EXTERNAL**]

Ravi,

I am unable to delegate Catherine as DAR. The signature needs to be after the effective date.

Identifying Information				
Permit No.	RN102018322	Account No.	HG-0566-H	
Permit No.	0 - 01315	Project No.	38596	
Site Name	PASADENA PLASTICS COMPLEX			
Company Name	CHEVRON PHILLIPS CHEMICAL COMPANY LP			
Appointment Type	NEW DAR APPOINTMENT	Received Date	07/22/2025	
Authorized Representative Information				
Name	CATHERINE M. GILL	Phone		
Position	PLANT MANAGER	Effective Date	06/10/2025	
Area Of Responsibility		Signature Date	06/09/2025	
Authorized Representative [DAR] Acknowledgment				
			Signature Date	06/03/2025

Error

 Person cannot certify self, unless signature date is on or after effective date.

OK

From: Kaggal, Ravi V <ravi.kaggal@cpchem.com>
Sent: Tuesday, July 22, 2025 12:02 PM
To: Carolyn Thomas <Carolyn.Thomas@tceq.texas.gov>
Cc: Gill, Cathy M <gillcm@cpchem.com>; Canfield, Bryan <bryan.canfield@cpchem.com>; Davis, Erica F <DAVIER@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>
Subject: RE: STEERS / TV 38596 / 1315 - RENEWAL - Chevron Phillips Chemical Company LP [**EXTERNAL**]

Good afternoon, Carolyn.

Per our phone conversation a few minutes ago, attached are the OP-DEL that was mailed to the Air Permits Division and the Copy of Record from the submittal made via STEERS on 6/12/2025, showing Catherine M. Gill as the DAR for TV-O1315.

Please let me know if you need any additional information.

Regards

Ravi Kaggal

Work: 713.475.5685 | Cell: 806.395.1225 | Email: Ravi.Kaggal@cpchem.com

From: Carolyn Thomas <Carolyn.Thomas@tceq.texas.gov>
Sent: Tuesday, July 22, 2025 10:55 AM
To: Gill, Cathy M <gillcm@cpchem.com>; Canfield, Bryan <bryan.canfield@cpchem.com>; Kaggal, Ravi V <ravi.kaggal@cpchem.com>
Subject: FW: STEERS / TV 38596 / 1315 - RENEWAL - Chevron Phillips Chemical Company LP [**EXTERNAL**]

We have received your application for the above referenced facility and it is currently under review. The following item(s) are required before we can declare the application administratively complete:

. At this time I am unable to certify the TV application. Please submit for OPDEL to delegate Catherine Gill as DAR.

Thank you,
Carolyn Thomas
Air Permits Initial Review Team
Air Permits Division, MC 161
Office of Air Texas Commission on Environmental Quality
Phone: (512) 239-5127
Fax: (512) 233-0973
E-mail: carolyn.thomas@tceq.texas.gov

Web site:

[https://urldefense.com/v3/http://www.tceq.texas.gov/;!PZLOGLA!DWacLRZHxRZhT3S_rwLjbU5Z1Wf8s-I00I1effi22Llukf5CllpVcNkc-gii5Yiu9VGtsT1IU2pWY2CKwGWIWRUH6GXPU0xYRo\\$](https://urldefense.com/v3/http://www.tceq.texas.gov/;!PZLOGLA!DWacLRZHxRZhT3S_rwLjbU5Z1Wf8s-I00I1effi22Llukf5CllpVcNkc-gii5Yiu9VGtsT1IU2pWY2CKwGWIWRUH6GXPU0xYRo$)

Please consider whether it is necessary to print this e-mail.

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-----Original Message-----

From: TVAPPS <tvapps@tceq.texas.gov>
Sent: Thursday, July 17, 2025 8:46 PM
To: Carolyn Thomas <Carolyn.Thomas@tceq.texas.gov>
Cc: APIRT <apirt@tceq.texas.gov>
Subject: FW: STEERS / TV 38596 / 1315 - RENEWAL - Chevron Phillips Chemical Company LP

-----Original Message-----

From: steers@tceq.texas.gov <steers@tceq.texas.gov>
Sent: Thursday, July 17, 2025 2:35 PM
To: RFCAIR12 <RFCAIR12@tceq.texas.gov>; air_permits@pcs.hctx.net; modaniel@ci.pasadena.tx.us; TVAPPS <tvapps@tceq.texas.gov>
Subject: STEERS Title V Application Submittal (New Application)

The TV-E application has been successfully submitted by BRYAN CANFIELD. The submittal was received at 07/17/2025 02:34 PM.

The Reference number for this submittal is 800840

The confirmation number for this submittal is 665315.

The Area ID for this submittal is 1315.

The Project ID for this submittal is 38596.

The hash code for this submittal is

116C81D823B53ABEE6EA69D16EF45985BB8A4C889FC6B573954BC50019C51C12.

You may access the original application submittal and the notice of final action documents from the COR Viewer which is available at

[https://urldefense.com/v3/ https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes ;!!PZLOGLA!DWacLRZHxRZhT3S_rwLjbU5Z1Wf8s-I0011effi22LIukf5CllpVcNkc-gii5Yiu9VGtsT1U2pWY2CKwGWIWRUH6GXdkL-t6A\\$](https://urldefense.com/v3/https://ida.tceq.texas.gov/steersstaff/index.cfm?fuseaction=openadmin.submitlog&newsearch=yes;!!PZLOGLA!DWacLRZHxRZhT3S_rwLjbU5Z1Wf8s-I0011effi22LIukf5CllpVcNkc-gii5Yiu9VGtsT1U2pWY2CKwGWIWRUH6GXdkL-t6A$).

If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at steers@tceq.texas.gov.

Carolyn Thomas


From: Carolyn Thomas
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Cc: Gill, Cathy M; Canfield, Bryan; Davis, Erica F
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[**EXTERNAL**]

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Appointment Type	NEW DAR APPOINTMENT	Received Date	07/22/2025
Representative Information			
Name	CATHERINE M. GILL	Phone	
Title	PLANT MANAGER	Effective Date	06/10/2025
Area Of Responsibility			
Signature Information			
Name	BRYAN CANFIELD	Signature Date	06/09/2025
Title	SENIOR VICE PRESIDENT OF MANUFACTURING		
Authorized Representative [DAR] Acknowledgment		Signature Date	06/03/2025

Error

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Air Permits Division, MC 161
Office of Air Texas Commission on Environmental Quality
Phone: (512) 239-5127
Fax: (512) 233-0973
E-mail: carolyn.thomas@tceq.texas.gov

Web site:

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Sent: Thursday, July 17, 2025 2:35 PM
To: RFCAIR12 <RFCAIR12@tceq.texas.gov>; air_permits@pcs.hctx.net; modaniel@ci.pasadena.tx.us; TVAPPS <tvapps@tceq.texas.gov>
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The confirmation number for this submittal is 665315.

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Carolyn Thomas

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Air Permits Initial Review Team
Air Permits Division, MC 161
Office of Air Texas Commission on Environmental Quality
Phone: (512) 239-5127
Fax: (512) 233-0973
E-mail: carolyn.thomas@tceq.texas.gov
Web site: www.tceq.texas.gov
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Sent: Thursday, July 17, 2025 2:35 PM
To: RFCAIR12 <RFCAIR12@tceq.texas.gov>; air_permits@pcs.hctx.net; modaniel@ci.pasadena.tx.us; TVAPPS <tvapps@tceq.texas.gov>
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The hash code for this submittal is 116C81D823B53ABEE6EA69D16EF45985BB8A4C889FC6B573954BC50019C51C12.

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If you have any questions, please contact the STEERS Help Line at 512-239-6925 or by e-mail at steers@tceq.texas.gov.



Performance by design.
Caring by choice.™

July 17, 2025

Submitted via STEERS
Air Permits Initial Review Team (APIRT), MC-161
Texas Commission on Environmental Quality
12100 Park 35 Circle
Building C, Third Floor
Austin, TX 78753
Phone: (512) 239-1250

**Re: Site Operating Permit (SOP) Number O1315 Renewal Application
Chevron Phillips Chemical Company LP – Pasadena Plastics Complex
Regulated Entity No. RN102018322
Customer No. CN600303614**

Attn: APIRT

Chevron Phillips Chemical Company, LP (CPChem) owns and operates the Pasadena Plastics Complex (PPC) located in Harris County, Texas. The Polyethylene units at the PPC are operated under Title V Operating Permit No. 01315.

Section 382.0543 of the Texas Clean Air Act, Texas Health and Safety Code, Chapter 382, and Title 30 Texas Administrative Code (30 TAC) §122.243 require all federal operating permits to be reviewed for renewal every five years. According to 30 TAC § 122.133, an application for renewal must be submitted at least six months, but no earlier than 18 months, before the date of permit expiration. Permit No. O1315 has an expiration date of January 20, 2026. This application for renewal is required to be postmarked no later than July 20, 2025.

Per 30 TAC§ 122.216, required supporting documentation for the federal operating permit renewal is enclosed in the application. All the changes/updates included in this permit renewal application are recorded in the OP-2 form. Unit attribute (UA) forms and OP-REQ2 form are filled to accurately document the applicable requirements and negative applicable requirements, respectively. This letter and the enclosed forms serve as an application for permit renewal.

In addition, CPChem is requesting to incorporate Alternate Means of Compliance (AMOC) No. 216, issued July 14, 2023, under Process ID "PROPE8DDD" (SOP Index No. 60DDDAMOC216). AMOC 216 authorizes alternative monitoring and testing to demonstrate compliance with 40 CFR Part 60 Subpart DDD Standards of Performance for VOC Emissions from the Polymer Manufacturing Industry (NSPS DDD) for the Polyethylene Plant 8 Extruder Feed Tank Vents (Unit IDs: 413 and 455)) and the Master Feeder Vents (Unit IDs: PE8-AV16B and PE8-AV1B), which are controlled by a carbon adsorption system (CAS-3).

If you have any questions regarding this submittal or require additional information, please feel free to contact Ravi Kaggal via Ravi.Kaggal@cpchem.com or by phone at (713) 475-5685.

Sincerely,



Ravi Kaggal
Environmental Supervisor

cc: TCEQ Region 12
Electronic Submittal to R12APDMail@tceq.texas.gov

EPA Region 6
Electronic Submittal to R6AirPermitsTX@epa.gov

Director Environmental Health
Harris County Pollution Control
101 South Richey, Suite H
Pasadena, Texas 77506
Certified Mail: 9589 0710 5270 2318 8127 16

**Federal Operating Permit Application
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. Address written inquiries 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:	Chevron Phillips Chemical Company, LP
B. Customer Reference Number (CN):	CN600303614
C. Submittal Date (mm/dd/yyyy) :	7/17/2025
II. Site Information	
A. Site Name:	Pasadena Plastics Complex
B. Regulated Entity Reference Number (RN):	RN102018322
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 type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" 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 checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS	
Other:	
E. Is the source 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 checked="" type="checkbox"/> YES <input 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 Application
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 a 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)	
RO Name Prefix:	<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
RO Full Name:	Bryan Canfield
RO Title:	Executive Vice President - Manufacturing & Projects
Employer Name:	Chevron Phillips Chemical Company LP
Mailing Address:	9500 Lakeside Blvd
City:	The Woodlands
State:	Texas
ZIP Code:	77381
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.:	832-813- 4445
Fax No.:	
E-mail:	canficb@cpchem.com

**Federal Operating Permit Application
 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:	Ravi Kaggal
Technical Contact Title:	Environmental Supervisor
Employer Name:	Chevron Phillips Chemical Company, LP
Mailing Address:	1400 Jefferson Road
City:	Pasadena
State:	Texas
ZIP Code:	77506
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.:	713-475-5685
Fax No.:	
E-mail:	Ravi.Kaggal@cpchem.com
VIII. Reference Only Requirements <i>(For reference only.)</i>	
A. State Senator:	Carol Alvarado
B. State Representative:	Mary Ann Perez
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 Application
 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 checked="" type="checkbox"/> Dr.)
	Contact Full Name:
E.	Telephone No.:
X. Application Area Information	
A.	Area Name: Pasadena Plastics Complex
B.	Physical Address: 1400 Jefferson Road
	City: Pasadena
	State: Texas
	ZIP Code: 77506
C.	Physical Location:
D.	Nearest City:
E.	State:
F.	ZIP Code:

**Federal Operating Permit Application
 Site Information Summary
 Form OP-1 (Page 5)
 Texas Commission on Environmental Quality**

X. Application Area Information (continued)	
G. Latitude (nearest second):	29° 43' 40"
H. Longitude (nearest second):	-95° 10' 52"
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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area:	See Permit
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 (Complete this section for SOP Applications and Acid Rain Permit Applications only.)	
A. Name of public place to view application and draft permit:	Pasadena Public Library
B. Physical Address:	1201 Jeff Ginn Memorial Drive
City:	Pasadena
ZIP Code:	77501
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 checked="" type="checkbox"/> Cr.)
Contact Person Full Name:	Ravi Kaggal
Contact Mailing Address:	1400 Jefferson Road
City:	Pasadena
State:	Texas
ZIP Code:	77506
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code:	
Telephone No.:	713-475-5685

**Federal Operating Permit Application
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 permit 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 Application
Site Information Summary
Form OP-1 (Page 7)
Texas Commission on Environmental Quality**

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR permit 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. Fr.)

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:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex
For Submissions to EPA	
Has a 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 a change in regulations.)						
Indicate all pollutants for which the site is a major source based on the site's potential to emit after the change is operated:						
<input checked="" type="checkbox"/>	VOC	<input checked="" type="checkbox"/>	NO _x	<input type="checkbox"/>	SO ₂	<input type="checkbox"/>
<input type="checkbox"/>	PM ₁₀	<input checked="" type="checkbox"/>	CO	<input type="checkbox"/>	Pb	<input checked="" type="checkbox"/>
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"/>
				<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 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.						

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
1	MS-C	NO	83	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
2	MS-C	NO	86	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
3	MS-C	NO	146	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
4	MS-C	NO	170	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
5	MS-C	NO	201	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
6	MS-A	NO	216	OP-SUMR OP-REQ3 OP-UA1 OP-UA7	4437A, PSDTX808, N014M2 106.261/11/01/2003 106.262/11/01/2003	-Add PBRs to NSR Authorization. -Remove NSPS A and MACT A applicability per OP-REQ3 Table 2. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA1 and OP-REQ3 Table 1. -Add 40 CFR 63 Subpart CC applicability per OP-UA7.
7	MS-C	NO	217	OP-SUMR OP-REQ3 OP-UA15	N/A	-Update Emission Unit Description per OP-SUMR Table 1. -Remove this Unit ID from GRPHRIK- per OP-SUMR Table 2. -Add 30 TAC Chapter 115 Vent Gas SOP Index Number per OP-UA15. -Add 30 TAC Chapter 115, HRVOC Vent Gas applicability per OP-UA15. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA15.
8	MS-C	NO	250	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
9	MS-C	NO	259	OP-SUMR OP-REQ3 OP-UA1 OP-UA12	N/A	-Remove this Unit ID from GRPDDDFUG per OP-SUMR Table 2. -Add 30 TAC Chapter 115 Pet. Refinery & Petrochemicals applicability per OP-UA12. -Add 30 TAC Chapter 115, HRVOC Vent Gas applicability per OP-UA12. -Add 40 CFR 60 Subpart DDD applicability per OP-UA12. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA1 and OP-REQ3 Table 1.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process		NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.		
10	MS-C	NO	261	N/A	-Remove this Unit ID from GRPHRIK- per OP-SUMR Table 2. -Add 30 TAC Chapter 115 Vent Gas SOP Index Number per OP-UA15. -Add 30 TAC Chapter 115, HRVOC Vent Gas applicability per OP-UA15. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA15.
11	MS-C	NO	300	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
12	MS-A	NO	306	4437, PSDTX808, N014M2 106.261/11/01/2003 106.262/11/01/2003	-Remove this Unit ID from GRPDDDFUG per OP-SUMR Table 2. -Add 30 TAC Chapter 115 Pet. Refinery & Petrochemicals applicability per OP-UA12. -Add 30 TAC Chapter 115, HRVOC Vent Gas applicability per OP-UA12. -Add 40 CFR 60 Subpart DDD applicability per OP-UA12. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA1 and OP-REQ3 Table 1. -Add PBR authorizations as shown on OP-SUMR.
13	MS-A	NO	308	N/A	-Remove NSPS A and MACT A applicability per OP-REQ3 Table 2. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA1 and OP-REQ3 Table 1. -Add 40 CFR 63 Subpart CC applicability per OP-UA7. -Add PBR Authorizations, as indicated on OP-SUMR.
14	MS-C	NO	311	N/A	-Remove this Unit ID from GRPHRIK- per OP-SUMR Table 2. -Add 30 TAC Chapter 115 Vent Gas applicability per OP-UA15. -Add 30 TAC Chapter 115, HRVOC Vent Gas applicability per OP-UA15.
15	SIG-E	NO	313	N/A	-Remove this Unit ID from GRPHRIK- per OP-SUMR Table 2. -Update 30 TAC Chapter 115 Vent Gas applicability per OP-UA15. -Add 30 TAC Chapter 115, HRVOC Vent Gas applicability per OP-UA15. -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2
16	MS-C	NO	350	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process		NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.		
17	SIG-E	NO	355	N/A	-Remove this Unit ID from GRPHRIK- per OP-SUMR Table 2. -Add 30 TAC Chapter 115 Vent Gas applicability per OP-UA15. -Add 30 TAC Chapter 115, HRVOC Vent Gas applicability per OP-UA15. -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
18	MS-C	NO	400	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
19	MS-A	NO	406	4437A, PSDTX808, N014M2 106.261/11/01/2003 106.262/11/01/2003	-Remove this Unit ID from GRPDDDDFUG per OP-SUMR Table 2. -Add 30 TAC Chapter 115 Pet. Refinery & Petrochemicals applicability per OP-UA12. -Add 30 TAC Chapter 115, HRVOC Vent Gas applicability per OP-UA12. -Add 40 CFR 60 Subpart DDD applicability per OP-UA12. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA1 and OP-REQ3 Table 1. -Add PBR Authorizations, as indicated on OP-SUMR.
20	MS-A	NO	408	4437A, PSDTX808, N014M2, 152228, 106.261/11/01/2003 106.262/11/01/2003	-Add Standard Permit 152228 and PBRs to NSR Authorization per OP-SUMR Table 1. -Remove NSPS A and MACT A applicability per OP-REQ3 Table 2. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA1 and OP-REQ3 Table 1. -Add 40 CFR 63 Subpart CC applicability per OP-UA7.
21	MS-C	NO	413	N/A	-Remove 40 CFR 63 Subpart FFFF Group 1 Continuous Process Vent applicability per OP-REQ3 Table 2. -Add 40 CFR 63 Subpart FFFF Group 2 Continuous Process Vent applicability per OP-UA15. [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
22	MS-C	NO	450	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
23	MS-C	NO	455	OP-REQ3 OP-UA15	N/A	-Remove 40 CFR 63 Subpart FFFF Group 1 Continuous Process Vent applicability per OP-REQ3 Table 2. -Add 40 CFR 63 Subpart FFFF Group 2 Continuous Process Vent applicability per OP-UA15. [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
24	MS-C	NO	1000	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
25	MS-C	NO	1001	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
26	MS-C	NO	1002	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
27	MS-C	NO	1003	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
28	MS-C	NO	1010	OP-REQ3 OP-UA5	N/A	Update SOP Index Number from "63DDDDDD-" to "63DDDDDD-1" as shown on OP-UA5.
29	MS-C	NO	1011	OP-REQ3 OP-UA5	N/A	Update SOP Index Number from "63DDDDDD-" to "63DDDDDD-1" as shown on OP-UA5.
30	MS-C	NO	1003A	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
31	MS-C	NO	1003B	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
32	MS-A	NO	4008 1008A/B	OP-REQ3 OP-UA15 OP-UA60 OP-SUMR	4437A, PSDTX808, N014M2 106.261/11/01/2003	-Update Unit ID per this OP-2 Table 2. -Add PBR authorizations as indicated on OP-SUMR. -Update 30 TAC Chapter 115 Vent Gas SOP Index Number from "R115-002" to "R5121-3" as shown on OP-UA15. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA60.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process		NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.		
33	MS-A	NO	4009 1009A/B	4437A, PSDTX808, N014M2 106.261/11/01/2003	-Update Unit ID per this OP-2 Table 2. -Update NSR Authorizations to include 106.261 PBR. -Update 30 TAC Chapter 115 Vent Gas SOP Index Number from "R115-002" to "R5121-3" as shown on OP-UA15. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA60.
34	MS-C	NO	AI-53199 AI-59122-P8	N/A	Update Unit ID as shown on this OP-2 Table 2.
35	MS-C	NO	AI-63499 AI-69122-P8	N/A	Update Unit ID as shown on this OP-2 Table 2.
36	MS-C	NO	AI73228-P6	N/A	Update Emission Unit Description as shown on OP-SUMR.
37	MS-C	NO	AI83228-P7	N/A	Update Emission Unit Description as shown on OP-SUMR.
38	MS-C	NO	AI83811-P6	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
39	MS-C	NO	AI93811-P7	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
40	MS-C	NO	AI93811-P8	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
41	MS-A	YES	BKPFWP	106.511/09/04/2000	-Add new Unit ID to the permit per OP-SUMR Table 1. -Add 30 TAC Chapter 117, 40 CFR 60 Subpart IIII, and 40 CFR 63 Subpart ZZZZ applicability per OP-UA2.
42	MS-C	NO	DEG-7	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
43	MS-C	NO	ENG101A	N/A	Update SOP Index Number from "60IIII-0001" to "60IIII-001" and "63ZZZZ-0006" to "63ZZZZ-001" as shown on OP-UA2.
44	MS-C	NO	ENG102A	N/A	Update SOP Index Number from "63ZZZZ-0003" to "63ZZZZ-003" as shown on OP-UA2.
45	MS-C	NO	ENGADMIN	N/A	Update SOP Index Number from "63ZZZZ-0004" to "63ZZZZ-003" as shown on OP-UA2.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
46	MS-C	NO	GRPCLTWR	OP-REQ3 OP-UA13	N/A	-Update SOP Index Number from "63FFFF" to "63FFFF-HES" as shown on OP-UA13. -Due to the MON RTR updates, update 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1 (deletions shown with strikethrough, additions shown in bold).
47	MS-C	NO	GRPDDDFUG	OP-SUMR	N/A	Remove Group ID from the permit per OP-SUMR Table 2 (do not remove Unit IDs 259, 306 and 406 from the permit – See Revisions 9, 12, and 19).
48	SIG-E	NO	GRPDEGREAS	OP-REQ2 OP-REQ3	N/A	-Remove 30 TAC Chapter 115 Degreaser applicability (per OP-REQ3 Table 2) and corresponding periodic monitoring from the permit. -Add 30 TAC Chapter 115 Degreaser permit shield per OP-REQ2.
49	SIG-E	NO	GRPDSLTK	OP-SUMR OP-REQ2	N/A	-Add a new Group ID to the permit per OP-SUMR Table 2. -Add 40 CFR 40 Subpart Kb and 30 TAC Chapter 115 Storage of VOC permit shields to the Group ID per OP-REQ2.
50	SIG-E	NO	GRPE6PELT	OP-REQ2 OP-REQ3 OP-UA15	N/A	-Update SOP Index Number from "R5121-23" to "R5121-3" as shown on OP-UA15. [No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 for completeness.] -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
51	SIG-E	NO	GRPE7PELT	OP-REQ2 OP-REQ3 OP-UA15	N/A	-Update SOP Index Number from "R5121-23" to "R5121-3" as shown on OP-UA15. [No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 for completeness.] -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
52	SIG-E	NO	GRPE8PELT	OP-REQ2 OP-REQ3 OP-UA15	N/A	-Update SOP Index Number from "R5121-23" to "R5121-3" as shown on OP-UA15. [No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 for completeness.] -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	01315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
53	SIG-E	NO	GRPHCSPVSL	OP-SUMR OP-REQ2 OP-REQ3 OP-UA15	N/A	-Add the following Unit IDs to this existing Group ID per OP-SUMR Table 2: HCS-95-02, HCS-95-07, HCS-95-10. -Update SOP Index Number from "R5121-4" to "R5121-5" as shown on OP-UA15. -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
54	MS-C	NO	GRPHCSTANK	OP-SUMR	N/A	Remove Group ID from the permit per OP-SUMR Table 2 (do not remove Unit IDs HCS-95-02, HCS-95-07 and HCS-95-10 from the permit).
55	MS-C	NO	GRPHRIK-	OP-SUMR	N/A	Remove Group ID from the permit per OP-SUMR Table 2 (do not remove Unit IDs 217, 261, 311, 313, and 355 from the permit).
56	SIG-E	NO	GRPHRVOCAN	OP-REQ2 OP-REQ3 OP-UA15	N/A	-Add 30 TAC Chapter 115 Vent Gas Control applicability per OP-UA15. -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
57	SIG-E	NO	GRPOLYVNT1	OP-REQ2 OP-REQ3 OP-UA15	N/A	-Update SOP Index Number from "R5121-23" to "R5121-3" as shown on OP-UA15. [No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 for completeness.] -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
58	SIG-E	NO	GRPOLYVNT2	OP-REQ2 OP-REQ3 OP-UA15	N/A	- SOP Index Number from "R5121-23" to "R5121-3" as shown on OP-UA15. [No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 for completeness.] -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
59	MS-C	NO	GRPOLYVNT3	OP-SUMR	N/A	Remove Group ID from the permit via OP-SUMR Table 2 (all associated Unit IDs 201, 250, 300, 350, 400, 450 are also being removed from the permit.)
60	SIG-E	NO	GRPOLYVNT4	OP-REQ2 OP-REQ3 OP-UA15	N/A	-Update SOP Index Number from "R5121-23" to "R5121-3" as shown on OP-UA15. [No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 for completeness.] -Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
61	MS-C	NO	GRPPEGIBPV	OP-REQ3 OP-UA60 OP-UA15	N/A	Update 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1 (deletions shown with strikethrough, additions shown in bold) as a result of the MON RTR rule update. [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
62	MS-C	NO	GRPPEGICPV	OP-REQ3 OP-UA15	N/A	Update 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1 (deletions shown with strikethrough, additions shown in bold) as a result of the MON RTR rule update. [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
63	SIG-E	NO	GRPPESCV	OP-REQ2 OP-REQ3 OP-UA15	N/A	Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2. [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
64	MS-C	NO	GRPSJWTTNK	OP-SUMR	N/A	Remove Group ID from the permit per OP-SUMR Table 2 (do not remove Unit IDs TNK95-1025 and TNK95-1026 from the permit).
65	MS-C	NO	HCS-95-02	OP-SUMR	N/A	-Update Emission Unit Description per OP-SUMR Table 1. -Remove Unit ID from GRPHSCTANK and add it to GRPHCSPVSL per OP-SUMR Table 2.
66	MS-C	NO	HCS-95-07	OP-SUMR	N/A	-Update Emission Unit Description per OP-SUMR Table 1. -Remove Unit ID from GRPHSCTANK and add it to GRPHCSPVSL per OP-SUMR Table 2.
67	MS-C	NO	HCS-95-10	OP-SUMR	N/A	-Update Emission Unit Description per OP-SUMR Table 1. -Remove Unit ID from GRPHSCTANK and add it to GRPHCSPVSL per OP-SUMR Table 2.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
68	MS-C	YES	MONMTNCVNT	OP-SUMR OP-REQ3 OP-UA1	4437A, PSDTX808, N014M2	-Add new Unit ID to the permit per OP-SUMR Table 1. -Add 40 CFR 63 Subpart FFFF applicability per OP-UA1 and OP-REQ3 Table 1.
69	MS-C	NO	P6-V-1	OP-SUMR	N/A	Add this Unit ID to GRPPEG1BPV per OP-SUMR Table 2.
70	MS-C	NO	P6-V-15	OP-SUMR	N/A	-Remove this Unit ID from GRPPEG1CPV per OP-SUMR Table 2. -Add this Unit ID to GRPPEG1BPV per OP-SUMR Table 2.
71	MS-C	NO	P7-V-1	OP-SUMR	N/A	Add this Unit ID to GRPPEG1BPV per OP-SUMR Table 2.
72	MS-C	NO	P7-V-19	OP-REQ3 OP-UA15	N/A	Update SOP Index Number from "R5121-23" to "R5121-3" as shown on OP-UA15. [No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 for completeness.]
73	MS-C	NO	P8-V-1	OP-SUMR	N/A	Add this Unit ID to GRPPEG1BPV per OP-SUMR Table 2.
74	MS-C	NO	P8-V-15	OP-SUMR	N/A	-Remove this Unit ID from GRPPEG1CPV per OP-SUMR Table 2. -Add this Unit ID to GRPPEG1BPV per OP-SUMR Table 2.
75	SIG-E	NO	PE6-95-147	OP-REQ2	N/A	Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
76	MS-C	NO	PE6-PV	OP-SUMR OP-REQ3 OP-UA15	N/A	-Update Emission Unit Description per OP-SUMR Table 1. -Add 40 CFR 63 Subpart FFFF Group 1 Continuous Process Vent applicability per OP-UA15 and OP-REQ3 (note updates to citations in OP-REQ3 Table 1 due to MON RTR). [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
77	SIG-E	NO	PE7-95-147	OP-REQ2	N/A	Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
78	MS-C	NO	PE7-PV	OP-SUMR OP-REQ3 OP-UA15	N/A	-Update Emission Unit Description per OP-SUMR Table 1. -Add 40 CFR 63 Subpart FFFF Group 1 Continuous Process Vent applicability per OP-UA15 and OP-REQ3 (note updates to citations in OP-REQ3 Table 1 due to MON RTR). [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
79	SIG-E	NO	PE8-95-147	OP-REQ2	N/A	Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
80	MS-C	NO	PE8-AV16B	OP-REQ3 OP-UA15	N/A	-Remove 40 CFR 63 Subpart FFFF Group 1 Continuous Process Vent applicability per OP-REQ3 Table 2. -Add 40 CFR 63 Subpart FFFF Group 2 Continuous Process Vent applicability per OP-UA15. [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
81	MS-C	NO	PE8-AV1B	OP-SUMR OP-REQ3 OP-UA15	N/A	-Update Emission Unit Description (typo) per OP-SUMR -Remove 40 CFR 63 Subpart FFFF Group 1 Continuous Process Vent applicability per OP-REQ3 Table 2. -Add 40 CFR 63 Subpart FFFF Group 2 Continuous Process Vent applicability per OP-UA15. [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
82	MS-C	NO	PE8-PV	OP-SUMR OP-REQ3 OP-UA15	N/A	-Update Emission Unit Description per OP-SUMR Table 1. -Add 40 CFR 63 Subpart FFFF Group 1 Continuous Process Vent applicability per OP-UA15 and OP-REQ3 (note updates to citations in OP-REQ3 Table 1 due to MON RTR). [Please note: No Chapter 115 Vent Gas applicability changes are being requested for this Group ID. A list of all Unit IDs and Group IDs claiming 30 TAC Chapter 115 Vent Gas applicability is provided on OP-UA15 Table 2 for completeness.]
83	MS-C	YES	PROCACTDDD	OP-SUMR OP-REQ3 OP-UA28	4437A, PSDTX808, N014M2	-Add new Unit ID to the permit per OP-SUMR Table 1. -Add 40 CFR 60 Subpart DDD applicability per OP-UA28.
84	MS-C	NO	PROCACT PROCATMCPU	OP-REQ3 OP-UA60	N/A	-Update Unit ID per this OP-2 Table 2. -Update 30 TAC Chapter 115 Batch Process SOP Index Number from "R115-001" to "R5161-001". -Remove 40 CFR 63 Subpart FFFF Group 2 Batch Process Vent applicability per OP-REQ3 Table 2. -Add 40 CFR 63 Subpart FFFF Process Unit applicability per OP-UA60 Table 5.
85	MS-C	NO	PROCATCT3	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROCACTDDD).
86	MS-C	NO	PROPE6 PROPE6MCPU	OP-REQ3 OP-UA60	N/A	-Update Unit ID per this OP-2 Table 2. -Update SOP Index Number per OP-UA60. -Add citation in bold text to existing applicability as shown on OP-REQ3 Table 1 (update due to MON RTR).
87	MS-C	NO	PROPE6CAE	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE6DDD).
88	MS-C	NO	PROPE6CT3	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE6DDD).
89	MS-C	NO	PROPE6CWP	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE6DDD).

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
90	MS-C	YES	PROPE6DDD	OP-SUMR OP-REQ3 OP-UA28	4437A, PSDTX808, N014M2	-Add new Unit ID to the permit per OP-SUMR Table 1. -Add 40 CFR 60 Subpart DDD applicability per OP-UA28.
91	MS-C	NO	PROPE6ISF	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE6DDDD).
92	MS-C	NO	PROPE7 PROPE7MCPU	OP-REQ3 OP-UA60	N/A	-Update Unit ID per this OP-2 Table 2. -Update SOP Index Number per OP-UA60. -Add citation in bold text to existing applicability as shown on OP-REQ3 Table 1 (update due to MON RTR).
93	MS-C	NO	PROPE7CAE	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE7DDDD).
94	MS-C	NO	PROPE7CWP	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE7DDDD).
95	MS-C	YES	PROPE7DDDD	OP-SUMR OP-REQ3 OP-UA28	4437A, PSDTX808, N014M2	-Add new Unit ID to the permit per OP-SUMR Table 1. -Add 40 CFR 60 Subpart DDD applicability per OP-UA28.
96	MS-C	NO	PROPE7ISF	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE7DDDD).
97	MS-C	NO	PROPE8 PROPE8MCPU	OP-REQ3 OP-UA60	N/A	-Update Unit ID per this OP-2 Table 2. -Update SOP Index Number per OP-UA60. -Add citation in bold text to existing applicability as shown on OP-REQ3 Table 1 (update due to MON RTR).
98	MS-C	NO	PROPE8CAE	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE8DDDD).

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
99	MS-C	NO	PROPE8CWP	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE8DIDD).
100	MS-C	YES	PROPE8DDD	OP-SUMR OP-REQ3 OP-UA28	4437A, PSDTX808, N014M2	-Add new Unit ID to the permit per OP-SUMR Table 1. -Add 40 CFR 60 Subpart DDD applicability per OP-UA28. * Please incorporate AMOC 216 into the applicability assigned to SOP Index Number "60DDDDAMOC216" under Process ID "PROPE8DDD".
101	MS-C	NO	PROPE8ISF	OP-SUMR	N/A	Remove Process ID from the permit (applicability will be represented under PROPE8DIDD).
102	MS-A	YES	TNK95-01	OP-SUMR	106.472/09/04/2000	-Add new Unit ID to the permit per OP-SUMR Table 1. -Include under Group ID GRPDSLTKN per OP-SUMR Table 2.
103	MS-A	YES	TNK95-10	OP-SUMR	106.472/09/04/2000	-Add new Unit ID to the permit per OP-SUMR Table 1. -Include under Group ID GRPDSLTKN per OP-SUMR Table 2.
104	MS-A	YES	TNK95-20	OP-SUMR	106.472/09/04/2000	-Add new Unit ID to the permit per OP-SUMR Table 1. -Include under Group ID GRPDSLTKN per OP-SUMR Table 2.
105	MS-A	YES	TNK95-30	OP-SUMR	106.472/09/04/2000	-Add new Unit ID to the permit per OP-SUMR Table 1. -Include under Group ID GRPDSLTKN per OP-SUMR Table 2.
106	MS-A	YES	TNK95-40	OP-SUMR	106.472/09/04/2000	-Add new Unit ID to the permit per OP-SUMR Table 1. -Include under Group ID GRPDSLTKN per OP-SUMR Table 2.
107	MS-C	NO	TNK95-1025	OP-SUMR	N/A	-Remove this Unit ID from GRPSJWTTNK per OP-SUMR Table 2. -Add this Unit ID to GRPDSLTKN per OP-SUMR Table 2.
108	MS-C	NO	TNK95-1026	OP-SUMR	N/A	-Remove this Unit ID from GRPSJWTTNK per OP-SUMR Table 2. -Add this Unit ID to GRPDSLTKN per OP-SUMR Table 2.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 – Table 2
Texas Commission on Environmental Quality**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex

Using the table below, provide a description of the revision.

Revision No.	Revision Code	Unit/Group/Process			NSR Authorization	Description of Changes and Provisional Terms and Conditions
		New Unit	ID No.	Applicable Form		
109	MS-A	YES	TNK95-1845	OP-SUMR	106.472/09/04/2000	-Add new Unit ID to the permit per OP-SUMR Table 1. -Include under Group ID GRPDSLTK per OP-SUMR Table 2.
110	MS-A	YES	TNK95-1846	OP-SUMR	106.472/09/04/2000	-Add new Unit ID to the permit per OP-SUMR Table 1. -Include under Group ID GRPDSLTK per OP-SUMR Table 2.
111	MS-C	NO	UST-1	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
112	MS-C	NO	UST-1-L	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
113	MS-C	NO	UST-2	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
114	MS-C	NO	UST-2-L	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
115	MS-C	NO	UST-3	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
116	MS-C	NO	UST-3-L	OP-SUMR	N/A	Remove Unit ID from the permit via OP-SUMR; equipment is no longer in service.
117	SIG-E	NO	UTL-95-02	OP-REQ2	N/A	Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
118	SIG-E	NO	UTL-95-19	OP-REQ2	N/A	Add 40 CFR 63 Subpart FFFF permit shield per OP-REQ2.
119	MS-A	NO	Various	OP-SUMR	-	Update NSR Authorizations to include PBRs as indicated on OP-SUMR.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2 - Table 3
Texas Commission on Environmental Quality**

Date:	7/17/2025		
Permit No.:	O1315		
Regulated Entity No.:	102018322		
Company / Area Name:	Chevron Phillips Chemical Company, LP / Pasadena Plastics Complex		
I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i>			
A. Is the site subject to bilingual requirements pursuant to 30 TAC §122.322?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
B. Indicate the alternate language(s) in which public notice is required:	Spanish		
C. Will there be a change in air pollutant emissions as a result of the significant revision?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	

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.			
7/17/2025		O1315		102018322			
Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	1	83	OP-SUMR	CATALYST ACTIVATOR 2 MAIN BURNER		4437A	PSDTX808, N014M2
D	2	86	OP-SUMR	CATALYST ACTIVATOR 3 MAIN BURNER		4437A	PSDTX808, N014M2
D	3	146	OP-SUMR	CATALYST ACTIVATOR 4 MAIN BURNER		4437A	PSDTX808, N014M2
D	4	170	OP-SUMR	CATALYST ACTIVATOR 5 MAIN BURNER		4437A	PSDTX808, N014M2
D	5	201	OP-SUMR	PE6 FLASH TANK		4437A	PSDTX808, N014M2
	6	216	OP-SUMR	PE FLARE		4437A 106.261/09/06/2017 [147836] 106.261/02/01/2018 [149767] 106.262/02/01/2018 [149767]	PSDTX808, N014M2
	7	217	OP-SUMR OP-REQ3 OP-UA15	PE6 EXTRUDER FEED/BLENDER - TRAIN 2 (PE6-AV29)(PE6-AV1)		4437A	PSDTX808, N014M2
D	8	250	OP-SUMR	PE6 FLASH TANK (TRAIN 2)		4437A	PSDTX808, N014M2
D	11	300	OP-SUMR	PE7 FLASH TANK		4437A	PSDTX808, N014M2
D	16	350	OP-SUMR	PE7 FLASH TANK (TRAIN 2)		4437A	PSDTX808, N014M2
D	18	400	OP-SUMR	PE8 FLASH TANK		4437A	PSDTX808, N014M2
	20	408	OP-SUMR OP-REQ3 OP-UA1 OP-UA7	PE 8 FLARE		4437A 152228 106.261/09/06/2017[147836] 106.261/02/01/2018[149767] 106.262/02/01/2018[149767] 106.261/02/15/2024[175313] 106.262/02/15/2024[175313]	PSDTX808, N014M2
D	22	450	OP-SUMR	PE8 FLASH TANK (TRAIN 2)		4437A	PSDTX808, N014M2
D	24	1000	OP-SUMR	CATALYST ACTIVATOR 1 MAIN BURNER		4437A	PSDTX808, N014M2

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.			
7/17/2025		O1315		102018322			
Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
D	25	1001	OP-SUMR	CATALYST ACTIVATOR 1 HEPA FILTER VENT		4437A	PSDTX808, N014M2
D	26	1002	OP-SUMR	CATALYST ACTIVATOR 2 HEPA FILTER VENT		4437A	PSDTX808, N014M2
D	27	1003	OP-SUMR	CATALYST ACTIVATOR 5 HEPA FILTER VENT		4437A	PSDTX808, N014M2
D	30	1003A	OP-SUMR	CATALYST ACTIVATOR 3 HEPA FILTER VENT		4437A	PSDTX808, N014M2
D	31	1003B	OP-SUMR	CATALYST ACTIVATOR 4 HEPA FILTER VENT		4437A	PSDTX808, N014M2
	32	1008A/B	OP-SUMR	CATALYST ACTIVATOR 6 HEPA FILTER VENT		4437A 106.261/11/4/2022 [170475]	PSDTX808, N014M2
	33	1009A/B	OP-SUMR	CATALYST ACTIVATOR 7 HEPA FILTER VENT		4437A 106.261/11/4/2022 [170475]	PSDTX808, N014M2
	36	A173228-P6	OP-SUMR	PLANT 6 DEETHANIZER COLUMN ANALYZER (COMMON VENT)		4437A	PSDTX808, N014M2
	37	A183228-P7	OP-SUMR	PLANT 7 DEETHANIZER COLUMN ANALYZER (COMMON VENT)		4437A	PSDTX808, N014M2
D	38	A183811-P6	OP-SUMR	PLANT 6 CLOSED LOOP NITROGEN OXYGEN ANALYZER VENT		4437A	PSDTX808, N014M2
D	39	A193811-P7	OP-SUMR	PLANT 7 CLOSED LOOP NITROGEN OXYGEN ANALYZER VENT		4437A	PSDTX808, N014M2
D	40	A193811-P8	OP-SUMR	PLANT 8 CLOSED LOOP NITROGEN OXYGEN ANALYZER VENT		4437A	PSDTX808, N014M2
A	41	BKPFWP	OP-SUMR OP-REQ3 OP-UA2	BACKUP FIREWATER PUMP		106.511/09/04/2000	
D	42	DEG-7	OP-SUMR	PE MAIN SHOP DEGREASER		106.454/11/01/2001	
	65	HCS-95-02	OP-SUMR	FRESH HEXENE STORAGE PROCESS TANK		4437A	PSDTX808, N014M2

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.			
7/17/2025		O1315		102018322			
Unit/Process AI	Unit/Process Revision No.	Unit/Process ID No.	Unit/Process Applicable Form	Unit/Process Name/Description	Unit/Process CAM	Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106	Preconstruction Authorizations Title I
	66	HCS-95-07	OP-SUMR	FRESH ISOBUTANE PROCESS TANK		4437A	PSDTX808, N014M2
	67	HCS-95-10	OP-SUMR	BUTENE CO-PRODUCT STORAGE PROCESS TANK - PLANT VIII		4437A	PSDTX808, N014M2
A	68	MONMTCVNT	OP-SUMR OP-REQ3 OP-UA1	MON MAINTENANCE VENTS		4437A	PSDTX808, N014M2
	76	PE6-PV	OP-SUMR OP-REQ3 OP-UA15	PE6 PROCESS VENTS HEADER TO FLARE		4437A	PSDTX808, N014M2
	78	PE7-PV	OP-SUMR OP-REQ3 OP-UA15	PE7 PROCESS VENTS HEADER TO FLARE		4437A	PSDTX808, N014M2
	82	PE8-PV	OP-SUMR OP-REQ3 OP-UA15	PE8 PROCESS VENTS HEADER TO FLARE		4437A	PSDTX808, N014M2
	81	PE8-AV1B	OP-SUMR OP-REQ3 OP-UA15	MASTER FEEDER VENT - TRAIN 1		4437A	PSDTX808, N014M2
A	83	PROCACTDDD	OP-SUMR OP-REQ3 OP-UA28	CATALYST ACTIVATION UNIT		4437A	PSDTX808, N014M2
D	85	PROCATCT3	OP-SUMR	CATACT-NSPS DDD NO CONTROLS BASED ON TABLE 3 CALS		4437A	PSDTX808, N014M2
D	87	PROPE6CAE	OP-SUMR	PE6-NSPS DDD EXEMPT VENT STREAMS (<1.6 MG/YR)		4437A	PSDTX808, N014M2
D	88	PROPE6CT3	OP-SUMR	PE6-NSPS DDD		4437A	PSDTX808, N014M2
D	89	PROPE6CWP	OP-SUMR	PE6-NSPS DDD EXEMPT VENT STREAMS (<0.1 WT%)		4437A	PSDTX808, N014M2
A	90	PROPE6DDD	OP-SUMR OP-REQ3 OP-UA28	POLYETHYLENE UNIT 6		4437A	PSDTX808, N014M2
D	91	PROPE6ISF	OP-SUMR	PE6-NSPS DDD EXEMPT VENT STREAMS (EMERGENCY VENTS)		4437A	PSDTX808, N014M2
D	93	PROPE7CAE	OP-SUMR	PE7-NSPS DDD EXEMPT VENT STREAMS (<1.6 MG/YR)		4437A	PSDTX808, N014M2

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D	94	PROPE7CWP	OP-SUMR	PE7-NSPS DDD EXEMPT VENT STREAMS (<0.1 WT %)		4437A	PSDTX808, N014M2
A	95	PROPE7DDD	OP-SUMR OP-REQ3 OP-UA28	POLYETHYLENE UNIT 7		4437A	PSDTX808, N014M2
D	96	PROPE7ISF	OP-SUMR	PE7-NSPS DDD EXEMPT VENT STREAMS (EMERGENCY VENTS)		4437A	PSDTX808, N014M2
D	98	PROPE8CAE	OP-SUMR	PE8-NSPS DDD EXEMPT VENT STREAMS (<1.6 MG/YR)		4437A	PSDTX808, N014M2
D	99	PROPE8CWP	OP-SUMR	PE8-NSPS DDD EXEMPT VENT STREAMS (<0.1 WT%)		4437A	PSDTX808, N014M2
A	100	PROPE8DDD	OP-SUMR OP-REQ3 OP-UA28	POLYETHYLENE UNIT 8		4437A	PSDTX808, N014M2
D	101	PROPE8ISF	OP-SUMR	PE8-NSPS DDD EXEMPT VENT STREAMS (EMERGENCY VENTS)		4437A	PSDTX808, N014M2
A	102	TNK95-01	OP-SUMR	COB Generator Diesel Tank		106.472/09/04/2000	
A	103	TNK95-10	OP-SUMR	FIREWATER PUMP #1 DIESEL STORAGE TANK		106.472/09/04/2000	
A	104	TNK95-20	OP-SUMR	FIREWATER PUMP #2 DIESEL STORAGE TANK		106.472/09/04/2000	
A	105	TNK95-30	OP-SUMR	FIREWATER PUMP #3 DIESEL STORAGE TANK		106.472/09/04/2000	
A	106	TNK95-40	OP-SUMR	FIREWATER PUMP #4 DIESEL STORAGE TANK		106.472/09/04/2000	
A	109	TNK95-1845	OP-SUMR	FW 5 Diesel Tank		106.472/09/04/2000	
A	110	TNK95-1846	OP-SUMR	FW 6 Diesel Tank		106.472/09/04/2000	
D	111	UST-1	OP-SUMR	UNDERGROUND UNLEADED TANK #1		106.412/09/04/2000	

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D	112	UST-1-L	OP-SUMR	GASOLINE LOADING (MOTOR VEHICLE REFUELING)		106.412/09/04/2000	
D	113	UST-2	OP-SUMR	UNDERGROUND UNLEADED TANK #2		106.412/09/04/2000	
D	114	UST-2-L	OP-SUMR	GASOLINE LOADING (MOTOR VEHICLE REFUELING)		106.412/09/04/2000	
D	115	UST-3	OP-SUMR	UNDERGROUND DIESEL TANK #3		106.472/09/04/2000	
D	116	UST-3-L	OP-SUMR	DIESEL LOADING (MOTOR VEHICLE REFUELING)		106.472/09/04/2000	
	119	219	OP-SUMR	PE6 PELLETT LOADOUT (RAILCAR)		4437A 106.261/06/17/2022 [168949] 106.261/01/08/2025 [178570] 106.262/01/08/2025 [178570]	PSDTX808, N014M2
	13	308	OP-REQ3 OP-UA1 OP-UA7 OP-SUMR	PE 6/7 FLARE		4437A 106.261/09/06/2017 [147836] 106.261/02/01/2018 [149767] 106.262/02/01/2018 [149767]	PSDTX808, N014M2
	119	900	OP-SUMR	HC L/UL PIPING FUGITIVES		4437A, PSDTX808, N014M2, 106.262/11/01/2003 106.261/04/25/2019[156160]	PSDTX808, N014M2
	119	901	OP-SUMR	PE HC STORAGE PIPING FUGITIVES		4437A 106.261/05/16/2014[118227] 106.262/05/16/2014[118227] 106.261/04/27/2016[139421] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/04/25/2019[156160] 106.261/04/09/2020[160659] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/04/11/2024[175896] 106.261/04/03/2025[179615]	PSDTX808, N014M2

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	9	259	OP-SUMR	PE 6 PIPING FUGITIVES		4437A 106.261/06/01/2015[131301] 106.261/03/09/2016[138668] 106.262/03/09/2016[138668] 106.261/04/27/2016[139421] 106.261/07/15/2016[140005] 106.262/07/15/2016[140005] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/11/13/2018[153732] 106.262/11/13/2018[153732] 106.261/04/25/2019[156160] 106.261/04/26/2019[156561] 106.262/04/26/2019[156561] 106.261/06/03/2019[156744] 106.262/06/03/2019[156744] 106.261/04/09/2020[160659] 106.261/09/11/2020[162436] 106.262/09/11/2020[162436] 106.261/03/23/2021[164358] 106.262/03/23/2021[164358] 106.261/04/02/2021[164420] 106.262/04/02/2021[164420] 106.261/04/26/2021[164576] 106.261/07/13/2021[165729] 106.262/07/13/2021[165729] 106.261/04/28/2022[168562] 106.261/05/19/2022[168879] 106.262/05/19/2022[168879] 106.261/12/16/2022[171123] 106.262/12/16/2022[171123] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/08/30/2023[173589] 106.262/08/30/2023[173589] 106.261/10/06/2023[174131] 106.262/10/06/2023[174131] 106.261/04/11/2024[175896] 106.261/05/31/2024[176229] 106.262/05/31/2024[176229] 106.261/06/13/2024[176608] 106.262/06/13/2024[176608] 106.261/07/29/2024[176982] 106.262/07/29/2024[176982] 106.261/09/19/2024[177516] 106.262/09/19/2024[177516] 106.261/10/15/2024[177516] 106.262/10/15/2024[177516] 106.261/01/08/2025[178570] 106.262/01/08/2025[178570] 106.261/03/21/2025[179420] 106.262/03/21/2025[179420] 106.261/04/03/2025[179615] 106.261/04/24/2025[179913] 106.262/04/24/2025[179913] 106.261/05/06/2025[180042] 106.262/05/06/2025[180042] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355]	PSDTX808, N014M2

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	12	306	OP-SUMR	PE 7 PIPING FUGITIVES		4437A 106.261/06/01/2015[131301] 106.261/03/09/2016[138668] 106.262/03/09/2016[138668] 106.261/04/27/2016[139421] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/11/13/2018[153732] 106.262/11/13/2018[153732] 106.261/03/15/2019[155414] 106.262/03/15/2019[155414] 106.261/04/25/2019[156160] 106.261/11/05/2019[158987] 106.262/11/05/2019[158987] 106.261/04/09/2020[160659] 106.261/09/23/2020[162718] 106.262/09/23/2020[162718] 106.261/10/14/2020[162827] 106.262/10/14/2020[162827] 106.261/11/20/2020[163145] 106.262/11/20/2020[163145] 106.261/02/24/2021[164048] 106.262/02/24/2021[164048] 106.261/04/26/2021[164576] 106.261/04/28/2022[168562] 106.261/12/16/2022[171123] 106.262/12/16/2022[171123] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/06/21/2023[173125] 106.262/06/21/2023[173125] 106.261/08/30/2023[173589] 106.262/08/30/2023[173589] 106.261/10/06/2023[174131] 106.262/10/06/2023[174131] 106.261/04/11/2024[175896] 106.261/04/30/2024[176182] 106.262/04/30/2024[176182] 106.261/02/21/2025[179171] 106.262/02/21/2025[179171] 106.261/04/17/2025[179844] 106.262/04/17/2025[179844]	PSDTX808, N014M2

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	19	406	OP-SUMR	PE 8 PIPING FUGITIVES		4437A 106.261/03/09/2016[138668] 106.262/03/09/2016[138668] 106.261/04/27/2016[139421] 106.261/07/15/2016[140005] 106.262/07/15/2016[140005] 106.261/11/15/2016[143215] 106.262/11/15/2016[143215] 106.261/04/14/2017[146146] 106.261/04/16/2018[151091] 106.261/04/25/2019[156160] 106.261/04/09/2020[160659] 106.261/02/24/2021[164048] 106.262/02/24/2021[164048] 106.261/04/26/2021[164576] 106.261/07/08/2021[165522] 106.262/07/08/2021[165522] 106.261/03/02/2022[167951] 106.262/03/02/2022[167951] 106.261/04/22/2022[168695] 106.262/04/22/2022[168695] 106.261/04/28/2022[168562] 106.261/11/17/2022[170971] 106.262/11/17/2022[170971] 106.261/12/16/2022[171123] 106.262/12/16/2022[171123] 106.261/02/10/2023[171622] 106.262/02/10/2023[171622] 106.261/04/11/2023[172355] 106.262/04/11/2023[172355] 106.261/06/21/2023[173125] 106.262/06/21/2023[173125] 106.261/08/30/2023[173589] 106.262/08/30/2023[173589] 106.261/10/06/2023[174131] 106.262/10/06/2023[174131] 106.261/02/15/2024[175313] 106.262/02/15/2024[175313] 106.261/03/12/2024[175605] 106.262/03/12/2024[175605] 106.261/04/11/2024[175896] 106.261/12/03/2024[178325] 106.262/12/03/2024[178325] 106.261/12/03/2024[178399] 106.262/12/03/2024[178399] 106.262/12/30/2024[178647] 106.261/04/03/2025[179615]	PSDTX808, N014M2

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5	201	OP-SUMR	D	GRPOLYVNT3
7	217	OP-SUMR OP-REQ3 OP-UA15	D	GRPHR1K-
8	250	OP-SUMR	D	GRPOLYVNT3
10	261	OP-SUMR OP-REQ3 OP-UA15	D	GRPHR1K-
9	259	OP-SUMR OP-REQ3 OP-UA1 OP-UA12	D	GRPDDDFUG
11	300	OP-SUMR	D	GRPOLYVNT3
12	306	OP-SUMR OP-REQ3 OP-UA1 OP-UA12	D	GRPDDDFUG
14	311	OP-SUMR OP-UA15	D	GRPHR1K-
15	313	OP-REQ2 OP-REQ3 OP-UA15	D	GRPHR1K-
16	350	OP-SUMR	D	GRPOLYVNT3
17	355	OP-REQ2 OP-REQ3 OP-UA15	D	GRPHR1K-
18	400	OP-SUMR	D	GRPOLYVNT3
19	406	OP-SUMR OP-REQ3 OP-UA1 OP-UA12	D	GRPDDDFUG
22	450	OP-SUMR	D	GRPOLYVNT3

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42	DEG-7	OP-SUMR	D	GRPDEGREAS
65	HCS-95-02	OP-SUMR	D	GRPHCSTANK
65	HCS-95-02	OP-SUMR	A	GRPHCSPVSL
66	HCS-95-07	OP-SUMR	D	GRPHCSTANK
66	HCS-95-07	OP-SUMR	A	GRPHCSPVSL
67	HCS-95-10	OP-SUMR	D	GRPHCSTANK
67	HCS-95-10	OP-SUMR	A	GRPHCSPVSL
69	P6-V-1	OP-SUMR	A	GRPPEG1BPV
71	P7-V-1	OP-SUMR	A	GRPPEG1BPV
73	P8-V-1	OP-SUMR	A	GRPPEG1BPV
102	TNK95-01	OP-SUMR	A	GRPDSLTK
103	TNK95-10	OP-SUMR	A	GRPDSLTK
104	TNK95-20	OP-SUMR	A	GRPDSLTK
105	TNK95-30	OP-SUMR	A	GRPDSLTK
106	TNK95-40	OP-SUMR	A	GRPDSLTK

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107	TNK95-1025	OP-SUMR	D	GRPSJWTTNK
107	TNK95-1025	OP-SUMR	A	GRPDSLTKN
108	TNK95-1026	OP-SUMR	D	GRPSJWTTNK
108	TNK95-1026	OP-SUMR	A	GRPDSLTKN
109	TNK95-1845	OP-SUMR	A	GRPDSLTKN
110	TNK95-1846	OP-SUMR	A	GRPDSLTKN

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For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 type="checkbox"/> Yes <input checked="" 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. 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 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 type="checkbox"/> Yes <input checked="" 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

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For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 determine 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 checked="" type="checkbox"/> Yes <input 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, answer 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	b. The application area is subject to 30 TAC § 111.145.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	c. The application area is subject to 30 TAC § 111.147.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	d. The application area is subject to 30 TAC § 111.149.	<input checked="" 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>		
3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements.		
		<input type="checkbox"/> Yes <input type="checkbox"/> No

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 checked="" type="checkbox"/> Yes <input 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

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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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 type="checkbox"/> Yes <input checked="" 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 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 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 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	

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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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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 a covered attainment county 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

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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 checked="" 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 checked="" 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 checked="" 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 checked="" 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

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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 checked="" type="checkbox"/> Yes <input 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 checked="" 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 III.G.3 are both "No," go to Section III.H.</i>	<input checked="" 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 checked="" 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 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)		
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

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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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
3. Asphalt emulsion is used or produced within the application area.	<input checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input 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 checked="" 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 "Yes," go to Section III.O.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. The application area contains pressure relief valves that are not controlled by a flare.	<input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds		
A. Applicability		
◆	<p>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></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
	<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
B. Utility Electric Generation in Ozone Nonattainment Areas		
	<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	<p>2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.</p>	<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>	☒ Yes ☐ NO
◆	2. The application area is located at a site that was a major source of NO _x before November 15, 1992.	☒ Yes ☐ No ☐ N/A
◆	3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.	☐ Yes ☒ No
D. Adipic Acid Manufacturing		
1.	The application area is located at, or part of, an adipic acid production unit.	☐ Yes ☒ No ☐ N/A
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas		
1.	The application area is located at, or part of, a nitric acid production unit.	☐ Yes ☒ No ☐ 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>	☐ Yes ☒ 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).	☐ Yes ☐ 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).	☐ Yes ☐ 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 refinish 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 refinish 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 refinish 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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 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.E.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input 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.E.</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 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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 checked="" type="checkbox"/> No <input 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 checked="" type="checkbox"/> No

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 checked="" type="checkbox"/> No <input 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 checked="" 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 checked="" type="checkbox"/> No <input 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 checked="" 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		
<i>Applicability</i>		
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	
<i>Roadway Construction</i>		
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	
<i>Manufacturing Commercial Asbestos</i>		
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		
<i>Applicability</i>		
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)	
<i>Applicability (continued)</i>	
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
<i>Waste Stream Exemptions</i>	
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)	
<i>Container Requirements</i>	
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
<i>Individual Drain Systems</i>	
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)	
<i>Individual Drain Systems (continued)</i>	
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
<i>Remediation Activities</i>	
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 checked="" 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)	
B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)	
<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<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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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)	
<i>Process Wastewater Streams (continued)</i>	
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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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>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)	
<i>Drains (continued)</i>	
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(1)(1) or (1)(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
<i>Gas Streams</i>	
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> Yes <input checked="" 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	
<p>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></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>4. The application area includes one or more kraft pulping systems that are existing sources.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).</p>	<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)	
<i>Containers</i>	
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
<i>Drains</i>	
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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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)	
<i>Drains (continued)</i>	
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	
<i>Applicability</i>	
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)	
<i>Applicability (continued)</i>	
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 Question VIII.N.13.</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)	
<i>Applicability (continued)</i>	
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 Question VIII.N.13.</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
<i>Containers, Drains, and other Appurtenances</i>	
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
13. The application area includes Group 1 gasoline loading racks as specified in § 63.650(a).	<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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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)	
<p>◆ 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 ft³) per day and a facility-wide actual annual average hydrocarbon liquid throughput less than 39,700 liters (10,487.6 gallons) per day.</p> <p><i>For SOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.R.</i></p> <p><i>For GOP applications, if the response to Question VIII.Q.5 is "Yes," go to Section VIII.Z.</i></p> <p><i>For all applications, if the response to Question VIII.Q.5 is "No," go to Question VIII.Q.9.</i></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>◆ 6. The application area includes a triethylene glycol (TEG) dehydration unit.</p> <p><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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>◆ 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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>◆ 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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>◆ 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).</p>	<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)	
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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></p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<p>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.</p>	<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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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 a 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)	
<i>Drains (continued)</i>	
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 checked="" type="checkbox"/> Yes <input 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 checked="" 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.24.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
6.	The application area includes process wastewater streams, located at existing sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7.	The application area includes process wastewater streams, located at existing sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
8.	The application area includes process wastewater streams, located at new sources, 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 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9.	The application area includes process wastewater streams, located at new sources, that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9 of 40 CFR Part 63, Subpart FFFF, as appropriate.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
10.	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.10 is "Yes," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11.	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.11 is "No," go to Question VIII.AA.13.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
12.	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
13.	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 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)		
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)		
14.	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.13 and VIII.AA.14 are both "No," go to Question VIII.AA.20.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
15.	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.15 is "No," go to Question VIII.AA.17.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	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
17.	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.17 is "No," go to Question VIII.AA.19.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
18.	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
19.	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
20.	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 checked="" type="checkbox"/> No
21.	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.21 is "No," go to Question VIII.AA.24.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
22.	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)	
23. 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
24. 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.24 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
25. 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.25 is "No," go to Section VIII.BB.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
26. 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
27. 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
28. 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)	
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 remediations 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. All site remediation activities are complete, and the Administrator has been notified in writing. <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. 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.5 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
6. The site remediation will be completed within 30 consecutive calendar days.	<input type="checkbox"/> Yes <input type="checkbox"/> No
7. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.7 is "Yes," go to Section VIII.DD.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
8. 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
9. 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.9 is "Yes," go to Section VIII.DD.</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)		
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)		
10.	The application area includes a remediation material management unit used for cleanup of radioactive mixed waste per § 63.7886(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
11.	The application area includes a remediation material management unit or combination of units with a total annual quantity of HAP less than 1 Mg/yr that is being exempted from § 63.7886(b) per § 63.7886(d).	<input type="checkbox"/> Yes <input type="checkbox"/> No
12.	The application area includes a remediation material management unit that has an average total VOHAP concentration of remediation material less than 500 ppmw and is complying with § 63.7886(b)(2). <i>If the response to Question VIII.CC.12 is "No," go to Question VIII.CC.14.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
13.	The application area includes a remediation material management unit that concentrates all or part of the material such that the material's VOHAP concentration could increase.	<input type="checkbox"/> Yes <input type="checkbox"/> No
14.	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.14 is "No," go to Question VIII.CC.21.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No
15.	The application area includes containers that are also subject to and complying with another subpart under 40 CFR part 61 or part 63 per § 63.7886(b)(3).	<input type="checkbox"/> Yes <input type="checkbox"/> No
16.	The application area includes containers that are complying with alternative work practice standards that have been approved by the EPA per § 63.7900(e).	<input type="checkbox"/> Yes <input type="checkbox"/> No
17.	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
18.	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
19.	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
20.	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
21.	The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<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)	
DD. Subpart YYYYYY - 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
EE. Subpart BBBB BB - 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2. The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBB BB, not subject to the control requirements of 40 CFR Part 63, Subpart R.	<input type="checkbox"/> Yes <input type="checkbox"/> No
3. The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBB BB.	<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)		
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 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 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 type="checkbox"/> Yes <input checked="" 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 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.		
DDDDD, 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 checked="" type="checkbox"/> Yes <input 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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For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input 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.	
40 CFR Part 63, Subpart FFFF (fugitives)		
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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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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For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input checked="" 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 . <i>If the response to Question XI.J.4 is "Yes," go to Question XI.J.6.</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	5. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities previously had a collective uncontrolled design capacity to emit 10 tpy or more of NO _x and is subject to 101.351(c).	<input type="checkbox"/> Yes <input type="checkbox"/> No
6.	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
◆	7. 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No
◆	8. 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. <i>If the response to Question XI.K.1 is "Yes," go to Section XI.L.</i>	<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 checked="" type="checkbox"/> Yes <input 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No

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For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 checked="" 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 checked="" 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 checked="" 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 checked="" 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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For SOP applications, answer ALL questions unless otherwise directed.

◆ For GOP applications, answer ONLY these questions unless otherwise directed.

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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> No
◆	3. The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization.	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
8.	8. The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9.	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 checked="" type="checkbox"/> No
10.	10. The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization.	<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 (continued)		
◆	11. The application area includes at least one “Rock Crusher” Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> No
◆	15. The application area includes at least one “Boiler” Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
◆	16. The application area includes at least one “Sawmill” Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> Yes <input checked="" 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 XII.E-J.)

E. PSD Permits and PSD Major Pollutants

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
PSD-TX-808	11/07/2024	CO			

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

Permit No.	Issuance Date	Pollutant(s):	Permit No.	Issuance Date	Pollutant(s):
N014M2	11/07/2024				

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

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◆ For GOP applications, answer ONLY these questions unless otherwise directed.

XII. NSR Authorizations (continued) - (Attach additional sheets if necessary for sections XII.E-J.)

◆ **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.	Issuance Date	Authorization No.	Issuance Date	Authorization No.	Issuance Date
4437A	11/07/2024				
152228	06/20/2018				

◆ **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.	Version No./Date	PBR No.	Version No./Date	PBR No.	Version No./Date
106.227	09/04/2000	106.472	09/04/2000		
106.261	11/01/2003	106.511	09/04/2000		
106.262	11/01/2003	106.512	09/04/2000		
106.263	11/01/2001	106.532	09/04/2000		
106.393	09/04/2000	5	08/30/1988		

◆ **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

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
 Texas Commission on Environmental Quality

Date:	Permit No.:	Regulated Entity No:
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Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	49	GRPDSLTK	OP-REQ2	30 TAC Chapter 115, Storage of VOCs	§ 115.111(a)(8)	Storage tank less than 1,000 gallons
A	49	GRPDSLTK	OP-REQ2	40 CFR Part 60, Subpart Kb	§60.110(b)	Storage vessel having a capacity less than 75m ³ (19,800 gallons)
A	49	313	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	355	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPDGREAS	OP-REQ2	30 TAC Chapter 115, Degreasing Processes	§ 115.410(a)	Do not use volatile organic compound-containing solvent for cold solvent degreasing processes
A	49	GRPHCSPVSL	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPE6PELT	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	Equipment is not part of the MCPU because it is located past the end of a process that produces a solid material (the dryer or extruder).
A	49	GRPE7PELT	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	Equipment is not part of the MCPU because it is located past the end of a process that produces a solid material (the dryer or extruder).
A	49	GRPPESCV	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPE8PELT	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	Equipment is not part of the MCPU because it is located past the end of a process that produces a solid material (the dryer or extruder).
A	49	GRPHRVOCAN	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).

Form OP-REQ2
Negative Applicable/Superseded Requirement Determinations
 Texas Commission on Environmental Quality

Date:	Permit No.:	Regulated Entity No:
7/17/2025	O1315	102018322

Unit AI	Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	Potentially Applicable Regulatory Name	Negative Applicability/Superseded Requirement Citation	Negative Applicability/Superseded Requirement Reason
A	49	GRPOLYVNT1	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPOLYVNT2	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	GRPOLYVNT4	OP-REQ2 OP-UA15	40 CFR Part 63, Subpart FFFF	§63.2550	The continuous process gas stream contains less than 0.005 wt% HAP at the point of discharge to the atmosphere, as defined in 63.107(d).
A	49	UTL-95-02	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2450(a)	Equipment does not contain HAP
A	49	PE6-95-147	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2450(a)	Vessel storing organic liquids that contain HAP only as impurities; not a storage tank as defined in §63.2550
A	49	PE7-95-147	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2450(a)	Vessel storing organic liquids that contain HAP only as impurities; not a storage tank as defined in §63.2550
A	49	PE8-95-147	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2450(a)	Vessel storing organic liquids that contain HAP only as impurities; not a storage tank as defined in §63.2550
A	49	UTL-95-19	OP-REQ2	40 CFR Part 63, Subpart FFFF	§63.2450(a)	Vessel storing organic liquids that contain HAP only as impurities; not a storage tank as defined in §63.2550

Applicable Requirements Summary
Form OP-REQ3 (Page 1)
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Table 1a: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
86 92 97	PROPE6MCPU PROPE7MCPU PROPE8MCPU	OP-UA60	63FFFF-MCPU1	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2440(a) §63.2450(a) §63.2450(l) §63.2460(c)(1) §63.2450(u)

Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program
Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
84	PROCATMCPU		OP-UA60	63FFFF-MCPU2	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2440(a) §63.2450(a) §63.2450(l) §63.2460(c)(1) §63.2450(u)				
6 13 20	216 308 408		OP-UA1	63FFFF-FLARE	112(B) HAPS	40 CFR Part 63, Subpart FFFF	[G]§63.2450(e)(5)				

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program
Table 1a: Additions**

Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
6 13 20	216 308 408	OP-UA7	63CC-MAX	112(B) HAPS	40 CFR Part 63, Subpart CC	§63.670 §63.670(c) §63.670(b) §63.670(d) §63.670(d)(2) §63.670(e) §63.670(o) [G]§63.670(o)(1) [G]§63.670(o)(2) [G]§63.670(o)(3) [G]§63.670(o)(4) [G]§63.670(o)(5) §63.670(o)(6) [G]§63.670(o)(7) [G]§63.671(c)
6 13 20	216 308 408	OP-UA7	63CC-NORM	112(B) HAPS	40 CFR Part 63, Subpart CC	§63.670 §63.670(c) §63.670(b) §63.670(d) §63.670(d)(1) §63.670(e) §63.670(o) [G]§63.670(o)(1) [G]§63.670(o)(2) [G]§63.670(o)(3) [G]§63.670(o)(4) [G]§63.670(o)(5) §63.670(o)(6) [G]§63.670(o)(7) [G]§63.671(c)

Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program
Table 1a: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP				
	Pasadena Plastics Complex				

Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
46	GRPCLTWR		OP-UA13	63FFFF-HES	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2490(a)-Table10 §63.104(e) [G]§63.104(e) §63.104(e) §63.104(e)(1) [G]§63.104(e)(2) §63.2490(a) §63.2490(b) §63.2490(c) [G]§63.2490(d) §63.2490(e)

Applicable Requirements Summary
Form OP-REQ3 (Page 1)
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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315	
Company Name:		Chevron Phillips Chemical Company, LP					
		Pasadena Plastics Complex					
Area Name:							
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)	
61	GRPPEG1BPV	OP-UA60	63FFFF-G1BPV	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2460(a) §63.114(b) §63.2450(b) [G]§63.2450(e)(4) §63.2450(e)(6)(iii) §63.2460(a)-Table 2.1.c §63.2460(b) §63.2460(c)(7) §63.982(b) §63.983(a)(1) §63.983(a)(2) §63.983(d)(1) §63.983(d)(1)(i) [G]§63.983(d)(2) §63.983(d)(3) §63.987(e) §63.987(f)(1) §63.987(f)(3) [G]§63.997(e)(1) §63.997(e)(3)	
32 33	1008A/B 1009A/B	OP-UA60	63FFFF-G2BPV	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2460(a) §63.2450(b) §63.2460(b)	

Applicable Requirements Summary
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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
62 76 78 82	GRPEGICPV PE6-PV PE7-PV PE8-PV	OP-UA15		63FFFF-GICPV	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2455(a)-Table 1.1.a.ii §63.114(b) §63.2450(b) [G]§63.2450(e)(4) §63.2450(e)(6)(iii) §63.2455(a) §63.2455(b) §63.2455(b)(1) §63.982(b) §63.983(a)(1) §63.983(a)(2) §63.983(d)(1) §63.983(d)(1)(i) [G]§63.983(d)(2) §63.983(d)(3) §63.987(e) §63.987(f)(1) §63.987(f)(3) [G]§63.997(e)(1) §63.997(e)(3)				
68	MONMNCVNT	OP-UA1		63FFFF-MTNCVNT	112(B) HAPS	40 CFR Part 63, Subpart FFFF	[G]§63.2450(v)				

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
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Table 1a: Additions**

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)					
9	259	OP-UA1	63FFFF-FUG	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2480 - Table 6.1.a.ii. [G]§63.2480(b) §63.2480(d) §63.2480(f)(1)-(3) §63.2480(f)(17)(i)-(iv)					
7	217	OP-UA15	R5121-3	VOC	30 TAC Chapter 115, Vent Gas Controls	§115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2)					
10	261										
14	311										
15	313										
17	355										
32	1008A/B										
33	1009A/B										
72	P7-V-19										
57	GRPPLYVNT1										
58	GRPPLYVNT2										
60	GRPPLYVNT4										
50	GRPE6PELT										
51	GRPE7PELT										
52	GRPE8PELT										
56	GRPHRYOCAN										
61	GRPEG1BPV	OP-UA15	R5121-4	VOC	30 TAC Chapter 115, Vent Gas Controls	§115.122(a)(1) §115.121(a)(1) §115.122(a)(1)(B) §60.18					
62	GRPEG1CPV										
63	GRPE6CV										
76	PE6-PV										
78	PE7-PV										
82	PE8-PV										

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
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Table 1a: Additions**

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
53	GRPHCSPVSL		OP-UA15	R5121-5	VOC	30 TAC Chapter 115, Vent Gas Controls	§115.122(a)(1) §115.121(a)(1) §115.122(a)(1)(B) §60.18				
21 23 80 81	413 455 PE8-AV16B PE8-AV1B		OP-UA15	R5121-6	VOC	30 TAC Chapter 115, Vent Gas Controls	§115.122(a)(1) §115.121(a)(1) §115.122(a)(1)(C) §115.126(D)(A)(iv)(II)				
90 100	PROPE6DDD PROPE8DDD		OP-UA28	60DDDEMERG	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.560(b)				
90 95 100	PROPE6DDD PROPE7DDD PROPE8DDD		OP-UA28	60DDDICNTL	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.562-1(a)(2) [G]§60.562-1(a)(2)(i) §60.562-1(d) §60.562-1(e)				

**Applicable Requirements Summary
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Table 1a: Additions**

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)					
90 95 100	PROPE6DDD PROPE7DDD PROPE8DDD	OP-UA28	60DDDDCCNTL	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.562-1(a)(1) §60.562-1(a)(1)(ii) §60.562-1(d) §60.562-1(e)					
90 95 100	PROPE6DDD PROPE7DDD PROPE8DDD	OP-UA28	60DDDDTPY	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.560(g)					
90 95 100	PROPE6DDD PROPE7DDD PROPE8DDD	OP-UA28	60DDDDWTPTCT	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.560(g)					
90 83	PROPE6DDD PROCACTDDD	OP-UA28	60DDDDCTE	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.562-1(a)(1) §60.562-1(a)(1)(ii) §60.562-1(d) §60.562-1(e)					

Applicable Requirements Summary
Form OP-REQ3 (Page 1)
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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
100	PROPE8DDD		OP-UA28	60DDDDAMOC216	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)(ii) §60.562-1(d) §60.562-1(e)				
7 10 21 23 80 81	217 261 413 455 PE8-AV16B PE8-AV1B		OP-UA15	63FFFF-G2CPV	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2455(b) §63.2455(b)(1) §63.2455(b)(2) §63.2455(b)(3)				

Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program
Table 1a: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
28 29	1010 1011		OP-UA5	63DDDDD-1	112(B) HAPS	40 CFR Part 63, Subpart DDDDD	§63.7500(a)(1)-Table 3.2 §63.7500(a)(1) §63.7500(a)(3) §63.7500(e) §63.7505(a) §63.7540(a) [G]§63.7540(a)(10) §63.7540(a)(11) §63.7540(a)(13)
41	BKPFWP		OP-UA2	R7300-0019	Exempt	30 TAC Chapter 117, Subchapter B	§117.303(a)(6)(D) [G]§117.310(f)
41 43	BKPFWP ENG101A		OP-UA2	60III-001	NMHC and NOX	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) §60.4218

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program
Table 1a: Additions**

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
41 43	BKPFWP ENG101A		OP-UA2	63ZZZZ-001	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§63.6590(c)				
44 45	ENG102A ENGADMIN		OP-UA2	63ZZZZ-003	112(B) HAPS	40 CFR Part 63, Subpart ZZZZ	§63.6602-Table2c.1 §63.6595(a)(1) §63.6605(a) §63.6605(b) §63.6625(e) §63.6625(h) §63.6625(i) §63.6640(f)(1) §63.6640(f)(2) §63.6640(f)(2)(i) §63.6640(f)(3)				
7 10 14 15 17	217 261 311 313 355		OP-UA15	R5720-0502	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Vent Gas	§115.727(c)(2)				
84	PROCATMCPU		OP-UA15	R5161-001	VOC	30 TAC Chapter 115, Batch Processes	§115.167(2) §115.162(3)				

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Form OP-REQ3 (Page 1)
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Table 1a: Additions

Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
41	BKPFWP	OP-UA2	R7300-0111	NOX	30 TAC Chapter 117, Subchapter B	§117.310(d)(3) §117.310(a), (b), [G](e)(1), (e)(2) [G]§117.310(e)(3), (e)(4) §117.340(f)(2), (p)(1), (p)(3) [G]§117.310(f) §117.310(a)(9)(E)(x)(II) [G]§117.340(c)(2)(C) §117.340(p)(2)(C)
41	BKPFWP	OP-UA2	R7300-0111	CO	30 TAC Chapter 117, Subchapter B	§117.310(c)(1) §117.310(c)(1)(B)

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program
Table 1a: Additions**

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)					
9 12 19	259 306 406	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(B) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(5) §115.352(7) §115.357(12) §115.357(8)					
9 12 19	259 306 406	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(B) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(5) §115.352(7) §115.357(1) §115.357(8)					

Applicable Requirements Summary
Form OP-REQ3 (Page 1)
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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9	259		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(B) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(5) §115.352(7) §115.357(4) §115.357(8)				
12	306										
19	406										
9	259		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(B) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(5) §115.352(7) §115.357(12) §115.357(8)				
12	306										
19	406										

Applicable Requirements Summary
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Table 1a: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(B) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(5) §115.352(7) §115.357(3) §115.357(8)
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(7) §115.357(12) §115.357(8)

**Applicable Requirements Summary
Form OP-REQ3 (Page 1)
Federal Operating Permit Program
Table 1a: Additions**

Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315			
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §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)
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(7) §115.357(1) §115.357(12) §115.357(8)

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(7) §115.357(1) §115.357(12) §115.357(8)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(3) §115.352(5) §115.352(7) §115.352(8) §115.357(1) §115.357(12) §115.357(8)				

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9 12 19	259 306 406	OP-UA12	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(B) §115.352(3) §115.352(4) §115.352(5) §115.352(6) §115.352(7) §115.357(12) §115.357(8) §115.357(9)				
9 12 19	259 306 406	OP-UA12	OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(B) §115.352(3) §115.352(4) §115.352(5) §115.352(6) §115.352(7) §115.357(1) §115.357(8) §115.357(9)				

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Table 1a: Additions**

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(B) §115.352(3) §115.352(4) §115.352(5) §115.352(6) §115.352(7) §115.357(12) §115.357(8) §115.357(9)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(B) §115.352(3) §115.352(4) §115.352(5) §115.352(6) §115.352(7) §115.357(1) §115.357(8) §115.357(9)				

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Table 1a: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP				
	Pasadena Plastics Complex				

Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
9	259		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(B) §115.352(3) §115.352(5) §115.352(7) §115.357(12) §115.357(8) §115.357(9)
12	306						
19	406						
9	259		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(B) §115.352(3) §115.352(5) §115.352(7) §115.357(1) §115.357(8) §115.357(9)
12	306						
19	406						

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Table 1a: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(3) §115.352(7)
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(A) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(3) §115.352(7) §115.357(1)

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.352(1)(C) §115.352(1) §115.352(10) §115.352(2) §115.352(2)(A) §115.352(2)(B) §115.352(2)(C) §115.352(2)(C)(i) §115.352(2)(C)(ii) §115.352(2)(C)(iii) §115.352(3) §115.352(4) §115.352(5) §115.352(6) §115.352(7) §115.352(8) §115.357(8) §115.358(c)(1) [G]§115.358(h)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.357(2) §115.352(9)				

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Table 1a: Additions**

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.357(6)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.357(5)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.357(10)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§115.357(11)				

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Table 1a: Additions**

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9 12 19	259 306 406		OP-UA12	R5352-ALL	VOC	30 TAC Chapter 115, Pet. Refinery & Petrochemicals	§ 115.357(13)				
9 12 19	259 306 406		OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HRVOC Fugitive Emissions	§ 115.787(d) § 115.780(b) [G]§ 115.781(a) § 115.782(a) § 115.782(b)(1) § 115.782(b)(2) § 115.782(c)(1) § 115.782(c)(1)(A) § 115.782(c)(1)(B) [G]§ 115.782(c)(1)(B)(i) § 115.782(c)(1)(B)(ii) [G]§ 115.782(c)(1)(B)(iii) § 115.782(c)(1)(B)(iv) § 115.782(c)(1)(C)(i) § 115.782(c)(1)(C)(i)(I) § 115.782(c)(1)(C)(i)(II) § 115.782(c)(1)(C)(i)(III) § 115.782(c)(1)(C)(ii) § 115.783(3) [G]§ 115.783(3)(A) [G]§ 115.783(3)(B) § 115.787(b) § 115.787(b)(1) § 115.787(e)				

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9							§115.781(b)(9) §115.780(b)				
12							[G]§115.781(a) §115.781(g)(3)				
19							§115.782(a) §115.782(b)(1) §115.782(b)(2) §115.782(c)(1) §115.782(c)(1)(A) §115.782(c)(1)(B) [G]§115.782(c)(1)(B)(i) §115.782(c)(1)(B)(ii) [G]§115.782(c)(1)(B)(iii) §115.782(c)(1)(B)(iv) §115.782(c)(1)(C)(i) §115.782(c)(1)(C)(i)(I) §115.782(c)(1)(C)(i)(II) §115.782(c)(1)(C)(i)(III) §115.782(c)(1)(C)(ii) §115.783(3) [G]§115.783(3)(A) [G]§115.783(3)(B) §115.787(b)				
			OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions					

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9	259						\$115.781(f)(v)				
12	306						\$115.780(b)				
19	406		OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions	[G]\$115.781(a) [G]\$115.781(d) \$115.781(g)(3) \$115.782(a) \$115.782(b)(1) \$115.782(b)(2) \$115.782(c)(2) \$115.782(c)(2)(A) \$115.782(c)(2)(A)(i) \$115.782(c)(2)(A)(ii) \$115.782(c)(2)(B) \$115.783(1) \$115.783(1)(A) \$115.783(1)(B) \$115.783(5) \$115.787(f) \$115.787(f)(4) \$115.787(g) \$115.788(a) \$115.788(a)(1) \$115.788(a)(2) \$115.788(a)(2)(A) \$115.788(a)(2)(B) \$115.788(a)(2)(C) \$115.788(a)(2)(C)(i) \$115.788(a)(2)(C)(ii) \$115.788(a)(2)(C)(iii) \$115.788(a)(2)(C)(iv)				

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9											
12											
19	259 306 406	OP-UA12		R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions	§115.781(b)(9) §115.780(b) [G]§115.781(a) §115.781(g)(3) §115.782(a) §115.782(b)(1) §115.782(b)(2) §115.782(c)(1) §115.782(c)(1)(A) §115.782(c)(1)(B) [G]§115.782(c)(1)(B)(i) §115.782(c)(1)(B)(ii) [G]§115.782(c)(1)(B)(iii) §115.782(c)(1)(B)(iv)				

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Table 1a: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
9 12 19	259 306 406	OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions	§115.787(a)

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9							§115.781(b)(9)				
12	259						§115.780(b)				
19	306						[G]§115.781(a)				
	406						§115.781(g)(3)				
							§115.782(a)				
							§115.782(b)(1)				
							§115.782(b)(2)				
							§115.782(c)(1)				
							§115.782(c)(1)(A)				
							§115.782(c)(1)(B)				
							[G]§115.782(c)(1)(B)(i)				
							§115.782(c)(1)(B)(ii)				
							[G]§115.782(c)(1)(B)(iii)				
							§115.782(c)(1)(B)(iv)				
							§115.783(4)(A)(i)				
							§115.783(4)(A)(ii)				
							§115.783(4)(A)(ii)(I)				
							§115.783(4)(A)(ii)(II)				
							§115.783(4)(B)				
							§115.783(4)(B)(i)				
							§115.783(4)(B)(ii)				

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9							§115.781(b)(9) §115.780(b) [G]§115.781(a) §115.781(g)(3) §115.782(a) §115.782(b)(1),(b)(2) §115.782(c)(1) §115.782(c)(1)(A) §115.782(c)(1)(B) [G]§115.782(c)(1)(B)(i) §115.782(c)(1)(B)(ii) [G]§115.782(c)(1)(B)(iii) §115.782(c)(1)(B)(iv) §115.787(e),(f),(g) §115.788(a) §115.788(a)(1) §115.788(a)(2) §115.788(a)(2)(A) §115.788(a)(2)(B) §115.788(a)(2)(C) §115.788(a)(2)(C)(i) §115.788(a)(2)(C)(ii) §115.788(a)(2)(C)(iii) §115.788(a)(2)(D) §115.788(a)(3),(3)(A),(3)(B) [G]§115.788(g)				
12											
19											
			OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions					

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9	259						§115.781(f)(9)				
12	306						§115.780(b)				
19	406	OP-UA12		R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions	[G]§115.781(a) §115.781(g)(3) §115.782(a) §115.782(b)(1) §115.782(b)(2) §115.782(c)(2) §115.782(c)(2)(A) §115.782(c)(2)(A)(i) §115.782(c)(2)(A)(ii) §115.782(c)(2)(B) §115.783(5) §115.787(f) §115.787(f)(4) §115.787(g) §115.788(a) §115.788(a)(1) §115.788(a)(2) §115.788(a)(2)(A) §115.788(a)(2)(B) §115.788(a)(2)(C) §115.788(a)(2)(C)(i) §115.788(a)(2)(C)(ii) §115.788(a)(2)(C)(iii) §115.788(a)(2)(D) §115.788(a)(3) §115.788(a)(3)(A) §115.788(a)(3)(B) §115.788(a)(3)(C)				

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)					
9 12 19	259 306 406	OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions	§115.781(b)(9) §115.780(b) [G]§115.781(a) §115.781(g)(3) §115.782(a) §115.782(b)(1) §115.782(b)(2) §115.782(c)(1) §115.782(c)(1)(A) §115.782(c)(1)(B) [G]§115.782(c)(1)(B)(i) §115.782(c)(1)(B)(ii) [G]§115.782(c)(1)(B)(iii) §115.782(c)(1)(B)(iv)					

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Table 1a: Additions

Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)					
9	259					§115.781(f)(9)					
12	306					§115.780(b)					
19	406	OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions	[G]§115.781(a) §115.781(g)(3) §115.782(a) §115.782(b)(1) §115.782(b)(2) §115.782(c)(2) §115.782(c)(2)(A) §115.782(c)(2)(A)(i) §115.782(c)(2)(A)(ii) §115.782(g)(2)(B) §115.783(5) §115.787(f) §115.787(f)(2) §115.787(f)(3) §115.787(f)(4) §115.787(g) §115.788(a) §115.788(a)(1) §115.788(a)(2) §115.788(a)(2)(A) §115.788(a)(2)(B) §115.788(a)(2)(C) §115.788(a)(2)(C)(i) §115.788(a)(2)(C)(ii) §115.788(a)(2)(C)(iii) §115.788(a)(2)(D) §115.788(a)(3) §115.788(a)(3)(A)					

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Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9							§115.781(b)(9) §115.780(b)				
12							[G]§115.781(a) §115.781(g)(3)				
19							§115.782(a) §115.782(b)(1) §115.782(b)(2) §115.782(c)(1) §115.782(c)(1)(A) §115.782(c)(1)(B) [G]§115.782(c)(1)(B)(i) §115.782(c)(1)(B)(ii) [G]§115.782(c)(1)(B)(iii) §115.782(c)(1)(B)(iv) §115.782(c)(1)(C)(i) §115.782(c)(1)(C)(i)(I) §115.782(c)(1)(C)(i)(II) §115.782(c)(1)(C)(i)(III) §115.782(c)(1)(C)(ii) §115.783(3) [G]§115.783(3)(A) [G]§115.783(3)(B) §115.787(b)				
			OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions					

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Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9							§115.781(b)(9) §115.780(b)				
12							[G]§115.781(a) §115.781(g)(3)				
19							§115.782(a) §115.782(b)(1) §115.782(b)(2) §115.782(c)(1) §115.782(c)(1)(A) §115.782(c)(1)(B) [G]§115.782(c)(1)(B)(i) §115.782(c)(1)(B)(ii) [G]§115.782(c)(1)(B)(iii) §115.782(c)(1)(B)(iv) §115.782(c)(1)(C)(i) §115.782(c)(1)(C)(i) §115.782(c)(1)(C)(i)(II) §115.782(c)(1)(C)(i)(III) §115.782(c)(1)(C)(ii) §115.783(3) [G]§115.783(3)(A) [G]§115.783(3)(B) §115.787(b) §115.787(b)(1)				
			OP-UA12	R5780-ALL	Highly Reactive VOC	30 TAC Chapter 115, HR VOC Fugitive Emissions					

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Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9							§115.787(d) §115.780(b) [G]§115.781(a) §115.782(a) §115.782(b)(1) §115.782(b)(2) §115.782(c)(1) §115.782(c)(1)(A) §115.782(c)(1)(B) [G]§115.782(c)(1)(B)(i) §115.782(c)(1)(B)(ii) [G]§115.782(c)(1)(B)(iii) §115.782(c)(1)(B)(iv) §115.782(c)(1)(C)(i) §115.782(c)(1)(C)(i)(I) §115.782(c)(1)(C)(i)(II) §115.782(c)(1)(C)(i)(III) §115.782(c)(1)(C)(ii) §115.783(3) [G]§115.783(3)(A) [G]§115.783(3)(B) §115.787(b) §115.787(b)(1) §115.787(g)				
12											
19						30 TAC Chapter 115, HR VOC Fugitive Emissions					
				R5780-ALL	Highly Reactive VOC						
			OP-UA12								

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Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9							§60.562-2(a) §60.482-1(a) §60.482-1(b) §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)				
12	259										
19	306 406	OP-UA12		60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD					

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Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
9 12 19			OP-UA12	60DDD-ALL	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)

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Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:				Chevron Phillips Chemical Company, LP							
Area Name:				Pasadena Plastics Complex							
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9 12 19	259 306 406		OP-UA12	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.562-2(a) §60.482-1(a) §60.482-1(b) §60.482-1(g) §60.482-5(a) [C]§60.482-5(b) §60.482-5(c) §60.486(k) §60.562-2(d) §60.562-2(e)				
9 12 19	259 306 406		OP-UA12	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.562-2(a) §60.482-1(a) §60.482-1(b) §60.482-1(g) §60.482-6(a)(1) §60.482-6(a)(2) §60.482-6(b) §60.482-6(c) §60.482-6(d) §60.482-6(e) §60.486(k) §60.562-2(d) §60.562-2(e)				
9 12 19	259 306 406		OP-UA12	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.562-2(a) [C]§60.482-1(e) §60.486(k)				

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Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)					
9	259					§60.562-2(a)					
12	306	OP-UA12	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.482-1(a)					
19	406					§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)					
						§60.486(k)					
						§60.562-2(d)					
						§60.562-2(c)					

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Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
9							§60.562-2(a)
12	259						§60.482-1(a)
19	306						§60.482-1(b)
	406						§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)
							[G]§60.482-9(c)
							§60.482-9(e)
							§60.482-9(f)
							§60.486(k)
							§60.562-2(d)
							§60.562-2(e)

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Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9 12 19	259 306 406		OP-UA12	60DDD-ALL	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) [G]§60.482-9(d) §60.482-9(f) §60.486(k) §60.562-2(d) §60.562-2(e)				
9 12 19	259 306 406		OP-UA12	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	§60.562-2(a) §60.482-1(d) §60.486(k) §60.562-2(e)				

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Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
9							§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) §60.562-2(d) §60.562-2(e)
12	259		OP-UA12	60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	
19	306 406						

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Date:		7/17/2025		Regulated Entity No.:		102018322		Permit No.:		O1315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process ID	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)				
9							§60.562-2(a) §60.482-1(a) §60.482-1(b) §60.482-1(g) §60.482-7(b) §60.482-7(d)(1) §60.482-7(d)(2)				
12	259			60DDD-ALL	VOC/TOC	40 CFR Part 60, Subpart DDD	[G]§60.482-7(e) [G]§60.482-7(f) [G]§60.482-7(g) [G]§60.482-7(h) §60.482-9(a) §60.482-9(b) [G]§60.482-9(c) §60.482-9(f) §60.486(k) §60.562-2(d) §60.562-2(e)				
19	306		OP-UA12								
	406										

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Table 1b: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
86	PROPE6MCPU					§63.2435(d) §63.2445(c) §63.2450(g)(5) §63.2460(c)(1) §63.2515(a) §63.2515(b)(1) §63.2515(c) §63.2520(a) [G]§63.2520(b) [G]§63.2520(c) [G]§63.2520(d) §63.2520(e) §63.2520(e)(1) [G]§63.2520(e)(10) §63.2520(e)(2) §63.2520(e)(3) §63.2520(e)(4) §63.2520(e)(5) §63.2520(e)(5)(i) [G]§63.2520(e)(5)(ii) [G]§63.2520(e)(5)(iii) §63.2520(e)(6) §63.2520(e)(7) §63.2520(e)(9)
92	PROPE7MCPU					
97	PROPE8MCPU	63FFFF-MCPIU	112(B) HAPS	§63.2445(d) §63.2460(c)(2)(v)	§63.2525 §63.2525(a) [G]§63.2525(b) §63.2525(c) §63.2525(e) [G]§63.2525(e)(1) §63.2525(f) §63.2525(i)	

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Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
84	PROCATMCPU	63FFFF-MCPU2	112(B) HAPS	<p>§63.2445(d) §63.2460(c)(2)(v)</p>	<p>§63.2525 §63.2525(a) [G]§63.2525(b) §63.2525(c) §63.2525(e) §63.2525(e)(2) §63.2525(e)(3) [G]§63.2525(e)(4) §63.2525(f) §63.2525(i)</p>	<p>§63.2435(d) §63.2445(c) §63.2450(e)(5),(m) §63.2450(m)(1),(m)(2) §63.2460(c)(1) §63.2515(a) §63.2515(b)(2) §63.2515(c) §63.2520(a) [G]§63.2520(b) [G]§63.2520(c) [G]§63.2520(d) §63.2520(e) §63.2520(e)(1) [G]§63.2520(e)(10) §63.2520(e)(2) §63.2520(e)(3) §63.2520(e)(4) §63.2520(e)(5) [G]§63.2520(e)(5)(i) [G]§63.2520(e)(5)(ii) [G]§63.2520(e)(5)(iii) §63.2520(e)(5)(iv) §63.2520(e)(6) §63.2520(e)(7) §63.2520(e)(9)</p>
6 13 20	216 308 408	63FFFF-FLARE	112(B) HAPS	[G]§63.2450(c)(5)	[G]§63.2525(m)	<p>§63.2520(d)(3) [G]§63.2520(c)(11)</p>

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Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
6 13 20	216 308 408	63CC-MAX	112(B) HAPS	§63.670(b) §63.670(c) §63.670(d)(2) §63.670(e) §63.670(g) [G]§63.670(h) [G]§63.670(i) [G]§63.670(j) [G]§63.670(o)(1) [G]§63.670(o)(5) §63.670(o)(6) §63.670(p) [G]§63.671(a) [G]§63.671(b)	[G]§63.670(h) [G]§63.670(i) [G]§63.670(j) [G]§63.670(o)(1) [G]§63.670(o)(5) §63.670(o)(6) §63.670(p) [G]§63.671(a) [G]§63.671(b)	[G]§63.670(h) [G]§63.670(i) [G]§63.670(j) [G]§63.670(o)(1) [G]§63.670(o)(2) §63.670(q)
6 13 20	216 308 408	63CC-NORM	112(B) HAPS	§63.670(b) §63.670(c) §63.670(d)(1) §63.670(e) §63.670(g) [G]§63.670(h) [G]§63.670(i) [G]§63.670(j) [G]§63.670(k) [G]§63.670(l) [G]§63.670(m) [G]§63.671(a) [G]§63.671(b) [G]§63.671(c) [G]§63.671(d) [G]§63.671(e)	[G]§63.670(h) [G]§63.670(i) [G]§63.670(j) [G]§63.670(o)(1) [G]§63.670(o)(5) §63.670(o)(6) §63.670(p) [G]§63.671(a) [G]§63.671(b)	[G]§63.670(h) [G]§63.670(i) [G]§63.670(j) [G]§63.670(o)(1) [G]§63.670(o)(2) §63.670(q)

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Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
46	GRPCLTWR	63FFFF-HES	112(B) HAPS	§63.104(f) §63.2490(d)	§63.104(e) §63.104(f) §63.2525(r)	§63.104(f) §63.2520(e)(16)

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Date:		7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315	
Company Name:		Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex			
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
9 12 19	259 306 406	63FFFF-FUG	112(B) HAPS	§63.2480(f)(18)(i)	§63.2480(f)(18)(v)-(v)	§63.2480(f)(18)(vi)	
7 10 14 15 17 32 33 72 57 58 60 50 51 52 56	217 261 311 313 355 1008A/B 1009A/B P7-V-19 GRPPLYVNT1 GRPPLYVNT2 GRPPLYVNT4 GRPE6PELT GRPE7PELT GRPE8PELT GRPHRVOCAN	R5121-3	VOC	[G]§115.125 §115.126(2)	§115.126 §115.126(2) §115.126(4)	None	
61 62 63 76 78 82	GRPPEGIBPV GRPPEGICPV GRPPESC PE6-PV PE7-PV PE8-PV	R5121-4	VOC	[G]§115.125 §115.126(1) §115.126(1)(B) §115.126(2) *** Sec C:AM Summary	§115.126 §115.126(1) §115.126(1)(B) §115.126(2)	None	

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Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
53	GRPHCSVSL	R5121-5	VOC	[G]§115.125 §115.126(f) §115.126(f)(B) §115.126(g)	§115.126 §115.126(f) §115.126(f)(B) §115.126(g)	None
21 23 80 81	413 455 PE8-AV16B PE8-AV1B	R5121-6	VOC	[G]§115.125 §115.126(f) §115.126(f)(A) §115.126(g)	§115.126 §115.126(f) §115.126(f)(A) §115.126(g)	None
90 100	PROPE6DDD PROPE8DDD	60DDDEMERG	VOC/TOC	None	None	None
90 95 100	PROPE6DDD PROPE7DDD PROPE8DDD	60DDDCNTL	VOC/TOC	[G]§60.563(a) §60.563(b) §60.563(b)(2)(ti) §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(e)	[G]§60.563(a) §60.563(d)(1) §60.563(e) [G]§60.563(a)(5) [G]§60.563(b)(2) [G]§60.563(c) [G]§60.563(d)(2) [G]§60.563(e) [G]§60.563(g) §60.563(j)	§60.563(a) [G]§60.563(a)(5) §60.563(b)(1) §60.563(i) §60.563(j) §60.563(k) §60.563(k)(2) §60.563(k)(4) §60.563(l)

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
90 95 100	PROPE6DDD PROPE7DDD PROPE8DDD	60DDDDCCNTL	VOC/TOC	[G]§60.563(a) §60.563(d)(1) §60.563(d)(2) §60.564(a) §60.564(a)(1) §60.564(a)(3) [G]§60.564(d)	[G]§60.563(a) §60.563(d)(1) §60.565(a) [G]§60.565(b)(2) [G]§60.565(g) §60.565(f)	§60.565(a) §60.565(b)(1) §60.565(i) §60.565(j) §60.565(k) §60.565(k)(2) §60.565(l)
90 95 100	PROPE6DDD PROPE7DDD PROPE8DDD	60DDDDTTPY	VOC/TOC	[G]§60.564(d)	§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)
90 95 100	PROPE6DDD PROPE7DDD PROPE8DDD	60DDDDWTPCT	VOC/TOC	[G]§60.564(d)	§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)
90 83	PROPE6DDD PROPEACTDDD	60DDDDCTE	VOC/TOC	[G]§60.563(a) §60.563(d)(1) §60.563(d)(2) §60.564(a) §60.564(a)(1) §60.564(a)(3) [G]§60.564(d)	[G]§60.563(a) §60.563(d)(1) §60.565(a) [G]§60.565(b)(2) [G]§60.565(g) §60.565(j)	§60.565(a) §60.565(b)(1) §60.565(i) §60.565(j) §60.565(k) §60.565(k)(2) §60.565(l)

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
100	PROPE8DDD	60DDDDAMOC216	VOC/TOC	<p>[G]§60.563(a) §60.563(b) §60.563(b)(6) §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(e) [G]§60.564(f)</p> <p>** See Alternative Requirement</p>	<p>[G]§60.563(a) §60.563(d)(1) §60.565(a) §60.565(a)(9) [G]§60.565(b)(2) §60.565(f) §60.565(g) [G]§60.565(g) §60.565(j)</p> <p>** See Alternative Requirement</p>	<p>§60.565(a) §60.565(a)(9) §60.565(b)(1) §60.565(i) §60.565(j) §60.565(k) §60.565(k)(2) §60.565(l)</p>
7 10 21 23 80 81	217 261 413 455 PE8-AV16B PE8-AV1B	63FFFF-G2CPV	112(B) HAPs	<p>§63.115(d) [G]§63.115(d)(1) §63.115(d)(2) §63.115(d)(2)(i) [G]§63.115(d)(2)(ii) §63.115(d)(2)(iii) §63.115(d)(2)(iv) §63.115(d)(3)(i) §63.115(d)(3)(ii)</p>	None	None

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Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
28 29	1010 1011	63DDDD-1	112(B) HAPS	§63.7510(g) §63.7515(d) [G]§63.7521(f) [G]§63.7521(g) §63.7521(h) §63.7555(h) §63.7530(g) §63.7540(a) [G]§63.7540(a)(10) [G]§63.7540(c)	§63.7555(a) §63.7530(f) §63.7545(a)(1) §63.7555(a)(2) §63.7555(e) §63.7545(e) §63.7560(b) §63.7560(c)	[G]§63.7521(g) §63.7530(e) §63.7530(f) §63.7545(a) §63.7545(b) §63.7545(c) [G]§63.7545(e) [G]§63.7545(f) §63.7550(a) [G]§63.7550(b) [G]§63.7550(c) [G]§63.7550(h)
41	BKPFWP	R7300-0019	Exempt	§117.8140(a) §117.8140(a)(3)	§117.340(f) [G]§117.345(f)(10) [G]§117.345(f)(6)	None
41 43	BKPFWP ENG101A	60III-001	NMHC and NOX	None	None	[G]§60.4214(d)

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	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
41 43	BKPPWP ENG101A	63ZZZZ-001	112(B) HAPS	None	None	None
44 45	ENG102A ENGADMIN	63ZZZZ-003	112(B) HAPS	§63.6625(f) §63.6625(i) §63.6640(a) §63.6640(a)-Table6.9.a.i §63.6640(a)-Table6.9.a.ii	§63.6625(i) §63.6655(d) §63.6655(e) §63.6655(f) §63.6660(a) §63.6660(b) §63.6660(c)	§63.6640(e) §63.6650(f)
7 10 14 15 17	217 261 311 313 355	R5720-0502	Highly Reactive VOC	None	§115.726(e)(3)(A) §115.726(j)(2)	None
84	PROCATM/CPU	R5161-001	VOC	§115.164(l) §115.164(2) §115.166 [GJ]§115.166(2)	§115.166 [GJ]§115.166(2)	None

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
41	BKPFWP	R7300-0111	NOX	[G]§117.335(a)(1), (a)(4), (b) §117.335(d), (g) §117.340(f)(2), (f)(1), (p)(1) §117.8140(a), (a)(2), (a)(2)(A) [G]§117.8140(a)(2)(B), (b) §117.335(e) §117.340(h) §117.340(p)(2)(A)-(C) §117.8000(b)-(c), (c)(1), (c)(3) §117.8000(c)(5)-(6), [G](d), [G](f) §117.8140(a)(1) §117.340(a)(2)(C) §117.340(c)(1), [G](c)(3)	§117.345(a), (f), (f)(9) §117.345(f)(3), (f)(3)(B) [G]§117.345(f)(10) §117.345(f)(3)(A), (f)(3)(A)(ii)	§117.335(b), (g) [G]§117.345(b)-(c) §117.8010, [G](1), (2), (2)(A)-(D) [G]§117.8010(3), (4), [G](5) §117.8010(6), [G](7) §117.340(p)(2)(D)
41	BKPFWP	R7300-0111	CO	[G]§117.335(a)(1), (a)(4), (b) §117.335(d), (g) §117.8140(a), (a)(2), (a)(2)(A) [G]§117.8140(a)(2)(B), (b) §117.335(e) §117.8000(b)-(c), (c)(2) §117.8000(c)(3), (c)(5)-(6), [G](f) [G]§117.8000(d) §117.8140(a)(1) §117.340(b) §117.340(a)(2)(C)	§117.345(a), (f), (f)(9) [G]§117.345(f)(10)	§117.335(b), (g) [G]§117.345(b)-(c) §117.8010, [G](1), (2), (2)(A)-(B) [G]§117.8010(3), (4), [G](5) §117.8010(6), [G](7) §117.345(f)(3), (f)(3)(A), (f)(3)(A)(ii)

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(10) §115.354(2) §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) [G]§115.356(3)(C) §115.356(5)	None
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(2) §115.354(5) §115.354(6) §115.354(9) [G]§115.355 §115.357(1)	§115.352(7) §115.356 [G]§115.356(1) [G]§115.356(2) §115.356(3) [G]§115.356(3)(C) §115.356(5)	None

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	[G]§115.355	§115.352(7) §115.356 [G]§115.356(1) [G]§115.356(2) §115.356(3) [G]§115.356(3)(C) §115.356(5)	None
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(10) §115.354(2) §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) [G]§115.356(3)(C) §115.356(5)	None

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Company Name:	Chevron Phillips Chemical Company, LP				
	Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(2) §115.354(5) §115.354(6) §115.354(9) [G]§115.355 §115.357(1)	§115.352(7) §115.356 [G]§115.356(1) [G]§115.356(2) §115.356(3) [G]§115.356(3)(C) §115.356(5)	None
9 12 19	259 306 406	R5352-ALL	VOC	[G]§115.355	§115.352(7) §115.356 [G]§115.356(1) [G]§115.356(2) §115.356(3) [G]§115.356(3)(C) §115.356(5)	None

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	[G]§115.355	§115.352(7) §115.356 [C]§115.356(1) [G]§115.356(2) §115.356(3) [G]§115.356(3)(C) §115.356(5)	None
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(10) §115.354(5) §115.354(6) §115.354(9) [G]§115.355 §115.357(1)	§115.352(7) §115.354(10) §115.356 [C]§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)	None

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(10) §115.354(11) §115.354(3) §115.354(5) §115.354(6) §115.354(9) [G]§115.355 §115.357(1)	§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) [G]§115.356(3)(C) §115.356(5)	None
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(10) §115.354(5) §115.354(6) §115.354(9) [G]§115.355 §115.357(1)	§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) [G]§115.356(3)(C) §115.356(5)	None

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(I) §115.354(S) §115.354(G) §115.354(9) [G]§115.355 §115.357(I)	§115.352(7) §115.356 [G]§115.356(I) [G]§115.356(2) §115.356(3) §115.356(3)(A) §115.356(3)(B) [G]§115.356(3)(C) §115.356(5)	None
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(I) §115.354(11) §115.354(3) §115.354(S) §115.354(G) §115.354(9) [G]§115.355 §115.357(I)	§115.352(7) §115.356 [G]§115.356(I) [G]§115.356(2) §115.356(3) §115.356(3)(A) §115.356(3)(B) [G]§115.356(3)(C) §115.356(5)	None

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(10) §115.354(2) §115.354(5) §115.354(6) [G]§115.354(7) §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) [G]§115.356(3)(C) §115.356(5)	[G]§115.354(7)
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(2) §115.354(5) §115.354(6) [G]§115.354(7) §115.354(9) [G]§115.355 §115.357(1)	§115.352(7) §115.356 [G]§115.356(1) [G]§115.356(2) §115.356(3) [G]§115.356(3)(C) §115.356(5)	[G]§115.354(7)

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(10) §115.354(2) §115.354(5) §115.354(6) [G]§115.354(7) §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) [G]§115.356(3)(C) §115.356(5)	[G]§115.354(7)
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(2) §115.354(5) §115.354(6) [G]§115.354(7) §115.354(9) [G]§115.355 §115.357(1)	§115.352(7) §115.356 [G]§115.356(1) [G]§115.356(2) §115.356(3) [G]§115.356(3)(C) §115.356(5)	[G]§115.354(7)

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(10) §115.354(2) §115.354(4) §115.354(5) §115.354(6) [G]§115.354(7) §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) [G]§115.356(3)(C) §115.356(5)	[G]§115.354(7)
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(1) §115.354(2) §115.354(4) §115.354(5) §115.354(6) [G]§115.354(7) §115.354(9) [G]§115.355 §115.357(1)	§115.352(7) §115.356 [G]§115.356(1) [G]§115.356(2) §115.356(3) [G]§115.356(3)(C) §115.356(5)	[G]§115.354(7)

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	RS352-ALL	VOC	§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
9 12 19	259 306 406	RS352-ALL	VOC	§115.354(1) §115.354(5) §115.354(6) §115.354(9) [G]§115.355 §115.357(1)	§115.352(7) §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)	None

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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	§115.354(I) §115.354(11) §115.354(13)(A) §115.354(13)(B) §115.354(13)(C) §115.354(13)(D) §115.354(13)(E) §115.354(13)(F) §115.354(4) §115.354(5) §115.354(9) [G]§115.355 §115.358(e)(2) §115.358(d) [G]§115.358(e) §115.358(f)	§115.352(7) §115.354(13)(D) §115.354(13)(E) §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) [G]§115.356(4) §115.356(5)	[G]§115.358(g)
9 12 19	259 306 406	R5352-ALL	VOC	None	§115.356 §115.356(3) [G]§115.356(3)(C)	None

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Company Name:		Chevron Phillips Chemical Company, LP		Area Name:		Pasadena Plastics Complex	
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements	
9 12 19	259 306 406	R5352-ALL	VOC	None	§115.356 §115.356(G) [G]§115.356(3)(C)	None	
9 12 19	259 306 406	R5352-ALL	VOC	None	§115.356 §115.356(G) [G]§115.356(3)(C)	None	
9 12 19	259 306 406	R5352-ALL	VOC	None	§115.356 §115.356(G) [G]§115.356(3)(C)	None	
9 12 19	259 306 406	R5352-ALL	VOC	None	§115.356 §115.356(G) [G]§115.356(3)(C)	None	

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	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	R5352-ALL	VOC	None	§115.356 §115.356(G) [G]§115.356(3)(C)	None
9 12 19	259 306 406	R5780-ALL	Highly Reactive VOC	§115.782(d)(2)	[G]§115.782(c)(1)(B)(i) [G]§115.786(c) §115.786(d) §115.786(d)(1) §115.786(d)(2) §115.786(d)(2)(A) §115.786(d)(2)(B) §115.786(d)(2)(C) §115.786(e) §115.786(g)	[G]§115.782(c)(1)(B)(i) §115.783(3)(C) [G]§115.786(c)

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Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§115.354(1) §115.354(10) §115.354(2) §115.354(5) §115.354(6) §115.354(9) §115.781(b) §115.781(b)(10) §115.781(b)(4) §115.781(b)(7)	§115.354(10) §115.356 [GJ]§115.356(1) [GJ]§115.356(2) §115.356(3) §115.356(3)(A) §115.356(3)(B) §115.356(5) §115.781(b)(10) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.781(g)(3)	[GJ]§115.782(c)(1)(B)(i) §115.783(C) [GJ]§115.786(c)
12		R5780-ALL	Highly Reactive VOC	§115.781(b)(7)(B) §115.781(e)(1) §115.781(e)(2) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.782(d)(2)	[GJ]§115.786(d) §115.786(d)(1) §115.786(d)(2) §115.786(d)(2)(A) §115.786(d)(2)(B) §115.786(d)(2)(C) §115.786(e) §115.786(g)	
19						

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Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9						
12	259					
19	306 406	R5780-ALL	Highly Reactive VOC	§ 115.782(d)(2)	[GJ]§ 115.782(c)(1)(B)(i) [GJ]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[GJ]§ 115.782(c)(1)(B)(i) § 115.783(C) [GJ]§ 115.786(c)

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Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§115.781(b)	§115.781(b)(10) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.781(g)(3) §115.782(c)(2)(A)(ii) §115.786(a)(1) §115.786(a)(2) §115.786(a)(2)(A) §115.786(a)(2)(B) §115.786(b)(1) §115.786(b)(2) §115.786(b)(2)(A) §115.786(b)(2)(B) §115.786(b)(2)(C) [G]§115.786(b)(3) [G]§115.786(c) §115.786(d) §115.786(d)(2) §115.786(d)(2)(C) §115.786(e) §115.786(g) [G]§115.788(g)	§115.782(c)(2)(A)(ii) [G]§115.786(c) §115.788(g) [G]§115.788(d) §115.788(g) [G]§115.788(g)
12	259			§115.781(b)(10) §115.781(b)(4) §115.781(b)(7) §115.781(b)(7)(A) §115.781(b)(7)(B) [G]§115.781(d) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.782(d)(2) §115.786(a)(1)		
19	306 406	R5780-ALL	Highly Reactive VOC			

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Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9	259			§115.781(b) §115.781(b)(10) §115.781(b)(3) §115.781(b)(4) §115.781(b)(7) §115.781(b)(7)(A) §115.781(b)(7)(B) §115.781(f)	§115.781(b)(10) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.781(g)(3) [G]§115.782(c)(1)(B)(i) [G]§115.786(c) §115.786(d) §115.786(d)(1) §115.786(d)(2) §115.786(d)(2)(A) §115.786(d)(2)(B) §115.786(d)(2)(C) §115.786(e) §115.786(f)	[G]§115.782(c)(1)(B)(i) [G]§115.786(c) §115.789(1)(B)
12	306		Highly Reactive VOC			
19	406	R5780-ALL				

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Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9	259					
12	306					
19	406	R5780-ALL	Highly Reactive VOC	None	§115.786(e) §115.786(f)	None

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Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§115.354(1) §115.354(10) §115.354(5) §115.354(6) §115.354(9) §115.781(b) §115.781(b)(10) §115.781(b)(3) §115.781(b)(4) §115.781(b)(5) §115.781(b)(6) §115.781(b)(7) §115.781(b)(7)(A) §115.781(b)(7)(B) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.782(d)(2)	§115.354(10) §115.356 [GJ]§115.356(1) [CJ]§115.356(2) §115.356(3) §115.356(3)(A) §115.356(3)(B) §115.356(5) §115.781(b)(10) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.781(g)(3) [GJ]§115.782(c)(1)(B)(i) [CJ]§115.786(c) §115.786(d) §115.786(d)(1) §115.786(d)(2) §115.786(d)(2)(A) §115.786(d)(2)(B) §115.786(d)(2)(C) §115.786(e) §115.786(g)	[GJ]§115.782(c)(1)(B)(i) [CJ]§115.786(c)
12		R5780-ALL	Highly Reactive VOC			
19						

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Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				<p>§115.354(1)</p> <p>§115.354(10)</p> <p>§115.354(2)</p> <p>§115.354(4)</p> <p>§115.354(5)</p> <p>§115.354(6)</p> <p>§115.354(9)</p> <p>§115.781(b)</p> <p>§115.781(b)(10)</p> <p>§115.781(b)(4)</p> <p>§115.781(b)(7)</p> <p>§115.781(b)(7)(A)</p> <p>§115.781(b)(7)(B)</p> <p>§115.781(b)(8)</p> <p>§115.781(e)</p> <p>§115.781(g)</p> <p>§115.781(g)(1)</p> <p>§115.781(g)(2)</p> <p>§115.782(d)(2)</p>	<p>§115.354(10)</p> <p>§115.356</p> <p>[C]§115.356(1)</p> <p>[C]§115.356(2)</p> <p>§115.356(3)</p> <p>§115.356(3)(A)</p> <p>§115.356(3)(B)</p> <p>§115.356(5)</p> <p>§115.781(b)(10)</p> <p>§115.781(g)</p> <p>§115.781(g)(1)</p> <p>§115.781(g)(2)</p> <p>§115.781(g)(3)</p> <p>[C]§115.782(c)(1)(B)(i)</p> <p>[C]§115.786(c)</p> <p>§115.786(d)</p> <p>§115.786(d)(1)</p> <p>§115.786(d)(2)</p> <p>§115.786(d)(2)(A)</p> <p>§115.786(d)(2)(B)</p> <p>§115.786(d)(2)(C)</p> <p>§115.786(e)</p> <p>§115.786(g)</p> <p>[C]§115.788(g)</p>	<p>[C]§115.782(c)(1)(B)(i)</p> <p>[C]§115.786(c)</p> <p>§115.788(g)</p> <p>[C]§115.788(d)</p> <p>§115.788(e)</p> <p>[C]§115.788(g)</p>
12			Highly Reactive VOC			
19		R5780-ALL				

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Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				<p>§115.354(1)</p> <p>§115.354(10)</p> <p>§115.354(2)</p> <p>§115.354(5)</p> <p>§115.354(6)</p> <p>§115.354(9)</p> <p>§115.781(b)</p>	<p>§115.354(10)</p> <p>§115.356</p> <p>[C]§115.356(1)</p> <p>[C]§115.356(2)</p> <p>§115.356(3)</p> <p>§115.356(3)(A)</p> <p>§115.356(3)(B)</p> <p>§115.356(5)</p> <p>§115.781(b)(10)</p> <p>§115.781(g)</p> <p>§115.781(g)(1)</p> <p>§115.781(g)(2)</p> <p>§115.781(g)(3)</p> <p>§115.782(g)(2)(A)(ii)</p> <p>[C]§115.786(c)</p> <p>§115.786(d)</p> <p>§115.786(d)(2)</p> <p>§115.786(d)(2)(C)</p> <p>§115.786(e)</p> <p>§115.786(g)</p> <p>[C]§115.788(g)</p>	<p>§115.782(g)(2)(A)(ii)</p> <p>[C]§115.786(c)</p> <p>§115.788(g)</p> <p>[C]§115.788(d)</p> <p>§115.788(e)</p> <p>[C]§115.788(g)</p>
12		R5780-ALL	Highly Reactive VOC	<p>§115.781(b)(10)</p> <p>§115.781(b)(4)</p> <p>§115.781(b)(7)</p> <p>§115.781(b)(7)(A)</p> <p>§115.781(b)(7)(B)</p> <p>§115.781(g)</p> <p>§115.781(g)(1)</p> <p>§115.781(g)(2)</p> <p>§115.782(d)(2)</p>		
19						

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§115.354(1) §115.354(10) §115.354(11) §115.354(3) §115.354(5) §115.354(6) §115.354(9) §115.781(b) §115.781(b)(10) §115.781(b)(3) §115.781(b)(4) §115.781(b)(7)	§115.354(10) §115.356 [GJ]§115.356(1) [GJ]§115.356(2) §115.356(3) §115.356(3)(A) §115.356(3)(B) §115.356(5) §115.781(b)(10) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.781(g)(3)	[GJ]§115.782(c)(1)(B)(i) [GJ]§115.786(c) §115.789(1)(B)
12	259	R5780-ALL	Highly Reactive VOC	§115.781(f)(1) §115.781(f)(2) §115.781(f)(3) §115.781(f)(4) §115.781(f)(5) §115.781(f)(6) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.782(d)(2)	[GJ]§115.782(c)(1)(B)(i) [GJ]§115.786(c) §115.786(d) §115.786(d)(1) §115.786(d)(2) §115.786(d)(2)(A) §115.786(d)(2)(B) §115.786(d)(2)(C) §115.786(e) §115.786(g)	
19	406			§115.781(f)		

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§115.354(1) §115.354(10) §115.354(2) §115.354(5) §115.354(6) §115.354(9) §115.781(b) §115.781(b)(10) §115.781(b)(3) §115.781(b)(4) §115.781(b)(7)	§115.354(10) §115.356 [CJ]§115.356(1) [CJ]§115.356(2) §115.356(3) §115.356(3)(A) §115.356(3)(B) §115.356(5) §115.781(b)(10) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.781(g)(3) §115.782(c)(2)(A)(ii) [CJ]§115.786(c) §115.786(d) §115.786(d)(2) §115.786(d)(2)(C) §115.786(e) §115.786(g) [CJ]§115.788(g)	§115.782(c)(2)(A)(ii) [CJ]§115.786(c) §115.788(d) §115.788(e) [CJ]§115.788(g) §115.789(1)(B)
12			Highly Reactive VOC	§115.781(f)(1) §115.781(f)(2) §115.781(f)(3) §115.781(f)(4) §115.781(f)(5) §115.781(f)(6) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.782(d)(2)		
19		R5780-ALL		§115.781(b)(7)(A) §115.781(b)(7)(B) §115.781(f)		

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§115.354(F) §115.354(G) §115.354(H) §115.354(I) §115.354(J) §115.354(K) §115.354(L) §115.354(M) §115.354(N) §115.354(O) §115.354(P) §115.354(Q) §115.354(R) §115.354(S) §115.354(T) §115.354(U) §115.354(V) §115.354(W) §115.354(X) §115.354(Y) §115.354(Z)	§115.354(D) §115.354(E) §115.356 [G]§115.356(1) [G]§115.356(2) §115.356(3) §115.356(4) §115.356(5) §115.781(g) §115.781(h) §115.781(i) §115.781(j) §115.781(k) §115.781(l) §115.781(m) §115.781(n) §115.781(o) §115.781(p) §115.781(q) §115.781(r) §115.781(s) §115.781(t) §115.781(u) §115.781(v) §115.781(w) §115.781(x) §115.781(y) §115.781(z)	[G]§115.358(g) [G]§115.782(c)(1)(B)(i) [G]§115.786(c)
12			Highly Reactive VOC			
19		R5780-ALL				

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Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§115.354(1) §115.354(10) §115.354(5) §115.354(6) §115.354(9) §115.781(b) §115.781(b)(10) §115.781(b)(3) §115.781(b)(4) §115.781(b)(7)	§115.354(10) §115.356 [GJ]§115.356(1) [GJ]§115.356(2) §115.356(3) §115.356(3)(A) §115.356(3)(B) §115.356(5) §115.781(b)(10) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.781(g)(3)	[GJ]§115.782(c)(1)(B)(i) §115.783(C) [GJ]§115.786(c)
12		R5780-ALL	Highly Reactive VOC	§115.781(b)(7)(A) §115.781(b)(7)(B) §115.781(e)(1) §115.781(e)(2) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.782(d)(2)	[GJ]§115.786(d) §115.786(d)(1) §115.786(d)(2) §115.786(d)(2)(A) §115.786(d)(2)(B) §115.786(d)(2)(C) §115.786(e) §115.786(g)	
19						

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Company Name:	Chevron Phillips Chemical Company, LP				
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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§115.354(1) §115.354(10) §115.354(2) §115.354(5) §115.354(6) §115.354(9) §115.781(b) §115.781(b)(10) §115.781(b)(4) §115.781(b)(7)	§115.354(10) §115.356 [GJ]§115.356(1) [GJ]§115.356(2) §115.356(3) §115.356(3)(A) §115.356(3)(B) §115.356(5) §115.781(b)(10) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.781(g)(3)	[GJ]§115.782(c)(1)(B)(i) §115.783(C) [GJ]§115.786(c)
12		R5780-ALL	Highly Reactive VOC	§115.781(b)(7)(B) §115.781(e)(1) §115.781(e)(2) §115.781(g) §115.781(g)(1) §115.781(g)(2) §115.782(d)(2)	[GJ]§115.786(d) §115.786(d)(1) §115.786(d)(2) §115.786(d)(2)(A) §115.786(d)(2)(B) §115.786(d)(2)(C) §115.786(e) §115.786(g)	
19						

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Company Name:	Chevron Phillips Chemical Company, LP				
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Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9						
12	259					
19	306 406	R5780-ALL	Highly Reactive VOC	§ 115.782(d)(2)	[GJ]§ 115.782(c)(1)(B)(i) [GJ]§ 115.786(c) § 115.786(d) § 115.786(d)(1) § 115.786(d)(2) § 115.786(d)(2)(A) § 115.786(d)(2)(B) § 115.786(d)(2)(C) § 115.786(e) § 115.786(g)	[GJ]§ 115.782(c)(1)(B)(i) § 115.783(C) [GJ]§ 115.786(c)

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Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9	259			§60.482-1(f)(1) §60.482-1(f)(2) [G]§60.482-1(f)(3) §60.482-2(a)(1) [G]§60.482-2(b)(2) [G]§60.482-2(d)(4)	§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)
12	306		VOC/TOC			
19	406	60DDD-ALL				

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Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9	259			§60.485(a) [G]§60.485(b)	§60.482-1(g) [G]§60.486(a) [G]§60.486(b) [G]§60.486(c) §60.486(e)	§60.487(a) [G]§60.487(b)
12	306	60DDD-ALL	VOC/TOC	[G]§60.485(c) [G]§60.485(d) §60.485(f)	§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)	[G]§60.487(c) §60.487(e) §60.562-2(e) §60.565(l)
19	406					

Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1b: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9						
12	259			§60.482-4(b)(2)	§60.482-1(g)	§60.487(a)
19	306	60DDD-ALL	VOC/TOC	§60.485(a)	[G]§60.486(a)	[G]§60.487(b)
	406			[G]§60.485(b)	§60.486(e)	[G]§60.487(c)
				[G]§60.485(c)	§60.486(e)(1)	§60.487(e)
				[G]§60.485(d)	§60.486(e)(3)	§60.562-2(e)
				§60.485(f)	[G]§60.486(e)(4)	§60.562-2(e)
				§60.562-2(d)	§60.486(j)	§60.565(l)

Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1b: Additions

Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: 01315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	60DDD-ALL	VOC/TOC	§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) §60.486(e) §60.486(e)(1) §60.486(f) §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)
9 12 19	259 306 406	60DDD-ALL	VOC/TOC	§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) §60.486(e) §60.486(e)(1) §60.486(f) §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)
9 12 19	259 306 406	60DDD-ALL	VOC/TOC	None	[G]§60.486(a) §60.486(e) §60.486(e)(1) §60.486(e)(6) §60.486(j)	§60.487(a) [G]§60.487(b) [G]§60.487(c) §60.487(e)

Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1b: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9	259	60DDD-ALL	VOC/TOC	§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(f) §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)
12	306					
19	406					

Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1b: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9	259			§60.482-8(a)(1)	§60.482-1(g)	§60.487(a)
12	306		VOC/TOC	§60.485(a)	[G]§60.486(a)	[G]§60.487(b)
19	406	60DDD-ALL		[G]§60.485(b)	[G]§60.486(b)	[G]§60.487(c)
				[G]§60.485(d)	[G]§60.486(c)	§60.487(e)
				§60.485(f)	§60.486(e)	§60.562-2(e)
				§60.562-2(d)	§60.486(f)	§60.565(l)

Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1b: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9 12 19	259 306 406	60DDD-ALL	VOC/TOC	§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(f) §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)
9 12 19	259 306 406	60DDD-ALL	VOC/TOC	None	[G]§60.486(a) §60.486(e) §60.486(f) §60.486(g) §60.486(h) §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
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1b: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	01315
Company Name:	Chevron Phillips Chemical Company, LP				
	Area Name: Pasadena Plastics Complex				

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9						
12	259			§60.482-8(a)(1) §60.485(a)	§60.482-1(g) [G]§60.486(a)	§60.487(a)
19	306 406	60DDD-ALL	VOC/TOC	[G]§60.485(b) [G]§60.485(d) [G]§60.485(e) §60.485(f) §60.562-2(d)	[G]§60.486(b) [G]§60.486(c) §60.486(c) §60.486(e)(1) §60.486(j) §60.562-2(e)	[G]§60.487(b) [G]§60.487(c) §60.487(e) §60.562-2(e) §60.565(l)

Applicable Requirements Summary
Form OP-REQ3 (Page 2)
Federal Operating Permit Program
Table 1b: Additions

Date:	7/17/2025	Regulated Entity No.:	102018322	Permit No.:	O1315
Company Name:	Chevron Phillips Chemical Company, LP	Area Name:	Pasadena Plastics Complex		

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
9				§60.482-1(f)(1) §60.482-1(f)(2) [G]§60.482-1(f)(3) §60.482-7(a)(1) [G]§60.482-7(a)(2) §60.482-7(c)(1)(i) §60.482-7(c)(1)(ii)	§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) [G]§60.486(f) [G]§60.486(g) §60.486(f) §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)
12			VOC/TOC	§60.485(a) [G]§60.485(b) [G]§60.485(c) [G]§60.485(d) [G]§60.485(e)		
19		60DDD-ALL				

**Applicable Requirements Summary
Federal Operating Permit Program
Form OP-REQ3 (Page 3)
Table 2a: Deletions**

Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: O1315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process ID No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
6 13 20	216 308 408	OP-UA1 OP-UA7	60A-002	Opacity	40 CFR Part 60, Subpart A	§60.18(b) §60.18(c)(1) §60.18(c)(2) §60.18(c)(3)(ii) §60.18(c)(5) §60.18(c)(6) §60.18(e)
6 13 20	216 308 408	OP-UA1 OP-UA7	63A-002	112(B) HAPS	40 CFR Part 63, Subpart A	§63.11(b)(4) §63.11(b)(1) §63.11(b)(2) §63.11(b)(3) §63.11(b)(5) §63.11(b)(6)(ii) §63.11(b)(8)
21 23 80 81	413 455 PE8-AV16B PE8-AV1B	OP-UA15	63FFFF- G1CPV	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2455(b) §63.2455(b)(1) §63.2455(b)(2) §63.2455(b)(3)

**Applicable Requirements Summary
Federal Operating Permit Program
Form OP-REQ3 (Page 3)
Table 2a: Deletions**

Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: O1315		
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex				
Revision No.	Unit/Group/Process No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicable Regulatory Requirement Name	Applicable Regulatory Requirement Standard(s)
84	PROCATMCPU	OP-UA60	63FFFF-G2BPV	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§63.2460(a) §63.2450(b) §63.2460(b)
48	GRPDEGREAS	OP-REQ3	R5412-001	VOC	30 TAC Chapter 115, Degreasing Processes	§115.412(I) §115.411(I) §115.411(2) [G]§115.412(I)(A) §115.412(I)(C) [G]§115.412(I)(F)

Applicable Requirements Summary
Form OP-REQ3 (Page 4)
Federal Operating Permit Program
Table 2b: Deletions

Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: O1315			
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
6 13 20	216 308 408	OP-UA1 OP-UA7	60A-002	Opacity	§60.18(d) §60.18(f)(1) §60.18(f)(2) §60.18(f)(3) §60.18(f)(6)	None	None
6 13 20	216 308 408	OP-UA1 OP-UA7	63A-002	112(B) HAPS	None	None	
21 23 80 81	413 455 PE8-AV16B PE8-AV1B	OP-UA15	63FFFFF-G1CPV	112(B) HAPS	§63.115(d) [G]§63.115(d)(1) §63.115(d)(2) §63.115(d)(2)(i) [G]§63.115(d)(2)(ii) §63.115(d)(2)(iii) §63.115(d)(2)(iv) §63.115(d)(3)(i) §63.115(d)(3)(ii)	None	None

Applicable Requirements Summary
Form OP-REQ3 (Page 4)
Federal Operating Permit Program
Table 2b: Deletions

Date: 7/17/2025		Regulated Entity No.: 102018322		Permit No.: O1315			
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex					
Revision No.	Unit/Group/Process No.	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
84	PROCATMCPU	OP-UA60	63FFFF-G2BPV	112(B) HAPS	[G]§63.1257(d)(2)(i) [G]§63.1257(d)(2)(ii) §63.2460(b)(1) §63.2460(b)(2) §63.2460(b)(3) [G]§63.2460(b)(4) §63.2460(b)(7)	§63.2460(b)(6)(i) §63.2460(b)(6)(ii) §63.2460(b)(7)	§63.2460(b)(6) §63.2460(b)(6)(i) §63.2460(b)(6)(ii) §63.2460(b)(7)
48	GRPDEGREAS	OP-REQ3	R5412-001	VOC	[G]§115.415(1) §115.415(3) ** See Periodic Monitoring Summary	None	None

**Texas Commission on Environmental Quality
Miscellaneous Unit Attributes
Form OP-UA1 (Page 1)
Federal Operating Permit Program**

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed / Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
MONMTNCVNT	63FFFF-MTNCVNT	EU				Add 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1
259	63FFFF-FUG	EU				Add 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1
306	63FFFF-FUG	EU				Add 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1
406	63FFFF-FUG	EU				Add 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1
216	63FFFF-FLARE	EU				Add 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1
308	63FFFF-FLARE	EU				Add 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1

Texas Commission on Environmental Quality
 Miscellaneous Unit Attributes
 Form OP-UA1 (Page 1)
 Federal Operating Permit Program

Date:	7/17/2025
Permit No.:	O1315
Regulated Entity No.:	102018322

Unit ID No.	SOP/GOP Index No.	Unit Type	Date Constructed / Placed in Service	Functionally Identical Replacement	Maximum Rated Capacity	Technical Information and Unit Description
408	63FFFF-FLARE	EU				Add 40 CFR 63 Subpart FFFF citation-level applicability per OP-REQ3 Table 1

Stationary Reciprocating Internal Combustion Engine Attributes

Form OP-UA2 (Page 1)

Federal Operating Permit Program

Table 1a: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	Horsepower Rating	RACT Date Place in Service	Functionally Identical Replacement	Type of Service	Fuel Fired	Engine Type	ESAD Date Place in Service	Diesel HP Rating
BKPFWP	R7300-0111	-	-	-	ENG	DSL	LEANBURN	07+	750+

Stationary Reciprocating Internal Combustion Engine Attributes

Form OP-UA2 (Page 2)

Federal Operating Permit Program

Table 1b: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

**Subchapter B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	NO_x Emission Limitation	23C-Option	30 TAC Chapter 116 Limit	EGF System CAP Unit	NO_x Averaging Method	NO_x Reduction	NO_x Monitoring System
BKPFWP	R7300-0111	310D	-	-	NO	30D	NONE	MERT

Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 3)

Federal Operating Permit Program

Table 1c: Title 30 Texas Administrative Code Chapter 117 (30 TAC Chapter 117)

Subchapter B: Combustion Control at Major Industrial, Commercial and Institutional Sources in Ozone Nonattainment Areas
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	Fuel Flow Monitoring	CO Emission Limitation	CO Averaging Method	CO Monitoring System	NH₃ Emission Limitation	NH₃ Monitoring
BKPFWP	R7300-0111	X40A2-C	310C	30D	OTHER	-	-

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 4)**

Federal Operating Permit Program

Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart ZZZZ: National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	HAP Source	Brake HP	Construction/ Reconstruction Date	Nonindustrial Emergency Engine	Service Type	Stationary RICE Type
BKPFWP	63ZZZZ-001	MAJOR	500+	06+	-	EMER-A	-
ENG101A	63ZZZZ-0006 63ZZZZ-001	MAJOR	500+	06+	-	EMER-A	-
ENG102A	63ZZZZ-0003 63ZZZZ-003	MAJOR	100-250	02-	-	EMER-A	CI
ENGADMIN	63ZZZZ-0004 63ZZZZ-003	MAJOR	100-250	02-	-	EMER-A	CI

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 10)**

Federal Operating Permit Program

Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	Applicability Date	Exemptions	Service	Commencing	Manufacture Date
BKPFWP	60III-001	2005+	NONE	FIRE	CON	0706+
ENG101A	60III-0001 60III-001	2005+	NONE	FIRE	CON	0706+

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 11)**

Federal Operating Permit Program

Table 5b: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	Diesel	AES No.	Displacement	Generator Set	Model Year	Install Date
BKPFWP	60III-001	DIESEL	-	10-	-	2017+	-
ENG101A	60III-001 60III-001	DIESEL	-	10-	-	2017+	-

**Stationary Reciprocating Internal Combustion Engine Attributes
Form OP-UA2 (Page 12)**

Federal Operating Permit Program

Table 5c: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	Kilowatts	Filter	AECD	Standard	Compliance Option	PM Compliance	Options
BKPFWP	60IIII-001	F560+	-	-	YES	MANU YES	-	-
ENG101A	60III-0001 60IIII-001	F560+	-	-	YES	MANU YES	-	-

**Process Heater/Furnace Attributes
Form OP-UA5 (Page 10)**

Federal Operating Permit Program

Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subchapter DDDDD: Industrial, Commercial, and Institutional Process Heaters
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	Commence	Table Applicability	HCl Emission	HCl-CMS
1010	63DDDDDD 63DDDDDD-1	EXIST	T3.2G1	-	-
1011	63DDDDDD 63DDDDDD-1	EXIST	T3.2G1	-	-

**Texas Commission on Environmental Quality
Flare Attributes**

Form OP-UA7 (Page 7)

Table 6: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart CC, National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries

Date	Permit No.:	Regulated Entity No.
07/17/2025	O1315	102018322

Unit ID No.	SOP Index No.	Flare Applicability	Operating Limits	AMEL ID No.	Flare Tip Velocity	Perimeter Assist Air
216	63CC-NORM	OTHER	REGOP	-	60-	NONE
308	63CC-NORM	OTHER	REGOP	-	60-	NONE
408	63CC-NORM	OTHER	REGOP	-	60-	NONE
216	63CC-MAX	OTHER	REGOP	-	60-400	NONE
308	63CC-MAX	OTHER	REGOP	-	60-400	NONE
408	63CC-MAX	OTHER	REGOP	-	60-400	NONE

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 11)**

Federal Operating Permit Program

**Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing,
and Petrochemical Processes in Ozone Nonattainment Areas
Texas Commission on Environmental Quality**

Date	Permit No.	Regulated Entity No
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	Title 30 TAC § 115.352 Applicable	< 250 Components at Site	Weight Percent VOC	Reciprocating Compressors or Positive Displacement Pumps
259	R5352-ALL	PETCHEM	NO	10B	-
306	R5352-ALL	PETCHEM	NO	10B	-
406	R5352-ALL	PETCHEM	NO	10B	-

**Fugitive Emission Unit Attributes
Form OP-UA12 (Page 44)**

Federal Operating Permit Program

Table 5a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)

**Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality**

Date		Permit No.		Regulated Entity No	
7/17/2025		O1315		102018322	

Unit ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	VOC Service	Design Capacity	Equipment in Vacuum Service	VOC Service less than 300 Hours
259	60DDDD-ALL	PROPYL	YES	89+	SOME	1000+	-	-
306	60DDDD-ALL	PROPYL	YES	89+	SOME	1000+	-	-
406	60DDDD-ALL	PROPYL	YES	89+	SOME	1000+	-	-

Fugitive Emission Unit Attributes
Form OP-UA12 (Page 138)
Federal Operating Permit Program
Table 16a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter H: Fugitive Emissions (HRVOC)
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
7/17/2025	O1315	102018322

Unit ID No.	SOP/GOP Index No.	Title 30 TAC §115.780 Applicable	Less than 250 Components at Site	Weight Percent HRVOC	Title 30 TAC Chapter 115 Fugitive Unit Components		
					Pump with Shaft Seal System	Compressors with Shaft Seal System	Agitators with Shaft Seal System
259	R5780-ALL	YES	NO	BOTH	-	-	-
306	R5780-ALL	YES	NO	BOTH	-	-	-
406	R5780-ALL	YES	NO	BOTH	-	-	-

Texas Commission on Environmental Quality
Cooling Tower Attributes
Form OP-UA13 (Page 7)
Federal Operating Permit Program

**Table 6: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing**

Date	Permit No.	Regulated Entity No.
7/17/2025	O1315	102018322
Unit ID No.	SOP Index No.	Monitoring
GRPCLTWR	63FFFF 63FFFF-HES	YES

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

Date:		Permit No.:		Regulated Entity No.:				
07/17/2025		O1315		102018322				
Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
GRPPEG1BPV	R5121-4	NO	NO	REGVAPPL	-	-	-	-
GRPPEG1CPV	R5121-4	NO	NO	REGVAPPL	-	-	-	-
GRPEESC	R5121-4	NO	NO	REGVAPPL	-	-	-	-
PE6-PV	R5121-4	NO	NO	REGVAPPL	-	-	-	-
PE7-PV	R5121-4	NO	NO	REGVAPPL	-	-	-	-
PE8-PV	R5121-4	NO	NO	REGVAPPL	-	-	-	-
GRPHCSPVSL	R5121-4 R5121-5	NO	NO	REGVAPPL	-	-	-	-

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)**

**Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality**

Date:		Permit No.:		Regulated Entity No.:				
07/17/2025		O1315		102018322				
Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
413	R5121-6	NO	NO	REGVAPPL	-	-	-	-
455	R5121-6	NO	NO	REGVAPPL	-	-	-	-
PE8-AV16B	R5121-6	NO	NO	REGVAPPL	-	-	-	-
PE8-AV1B	R5121-6	NO	NO	REGVAPPL	-	-	-	-
217	R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
261	R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
311	R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
313	R5121-3	NO	NO	REGVAPPL	-	100-	-	YES

Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

Date:		Permit No.:		Regulated Entity No.:				
07/17/2025		O1315		102018322				
Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
355	R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
1008 1008A/B	R115-002- R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
1009 1009A/B	R115-002- R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
P7-V-19	R5121-23 R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
GRPPLYVNT1	R5121-23 R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
GRPPLYVNT2	R5121-23 R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
GRPPLYVNT4	R5121-23 R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
GRPEPELT	R5121-23 R5121-3	NO	NO	REGVAPPL	-	100-	-	YES

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)**

**Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality**

Date:	Permit No.:	Regulated Entity No.:
07/17/2025	O1315	102018322

Emission Point ID No.	SOP/GOP Index No.	Chapter 115 Division	Combustion Exhaust	Vent Type	Total Uncontrolled VOC Weight	Combined 24-Hour VOC Weight	VOC Concentration	VOC Concentration or Emission Rate at Maximum Operating Conditions
GRPE7PELT	R5121-23 R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
GRPE8PELT	R5121-23 R5121-3	NO	NO	REGVAPPL	-	100-	-	YES
GRPHRVOCAN	R5121-3	NO	NO	REGVAPPL	-	100-	-	YES

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 4)**

**Federal Operating Permit Program
Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality**

Date: 07/17/2025	Permit No.: O1315	Regulated Entity No.: 102018322
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Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
GRPEG1BPV	R5121-4	NONE	-	FLARE	216 308 408
GRPEG1CPV	R5121-4	NONE	-	FLARE	216 308 408
GRPEVCV	R5121-4	NONE	-	FLARE	216 308 408
PE6-PV	R5121-4	NONE	-	FLARE	216 308 408
PE7-PV	R5121-4	NONE	-	FLARE	216 308 408
PE8-PV	R5121-4	NONE	-	FLARE	216 308 408
GRPHCSPVSL	R5121-4 R5121-5	NONE	-	FLARE	216 308 408

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 4)**

**Federal Operating Permit Program
Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality**

Date: 07/17/2025	Permit No.: O1315	Regulated Entity No.: 102018322
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Emission Point ID No.	SOP Index No.	Alternate Control Requirement	ACR ID No.	Control Device Type	Control Device ID No.
413	R5121-6	NONE	-	CRBADS	CAS-3
455	R5121-6	NONE	-	CRBADS	CAS-3
PE8-AV16B	R5121-6	NONE	-	CRBADS	CAS-3
PE8-AV1B	R5121-6	NONE	-	CRBADS	CAS-3

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 30)**

Federal Operating Permit Program

Table 12a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)

**Subchapter H, Division 1: Highly-Reactive Volatile Organic Compounds-Vent Gas Control
Texas Commission on Environmental Quality**

Date:	Permit No.:	Regulated Entity No.:
07/17/2025	O1315	102018322

Emission Point ID No.	SOP Index No.	HRVOC Concentration	Max Flow Rate	Exempt Date	Vent Gas Stream Control
217	R5720-0502	YES	NO	NO	-
261	R5720-0502	YES	NO	NO	-
311	R5720-0502	YES	NO	NO	-
313	R5720-0502	YES	NO	NO	-
355	R5720-0502	YES	NO	NO	-

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 32)**

Federal Operating Permit Program

Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date:	Permit No.:	Regulated Entity No.:
07/17/2025	O1315	102018322

Emission Point ID No.	SOP/GOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
GRPEG1CPV	63FFFF-G1CPV	BLWFLR	-	-	-	-	-
PE6-PV	63FFFF-G1CPV	BLWFLR	-	-	-	-	-
PE7-PV	63FFFF-G1CPV	BLWFLR	-	-	-	-	-
PE8-PV	63FFFF-G1CPV	BLWFLR	-	-	-	-	-
217	63FFFF-G2CPV	GRP2	-	-	-	-	-
261	63FFFF-G2CPV	GRP2	-	-	-	-	-
413	63FFFF-G2CPV	GRP2	-	-	-	-	-

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 32)**

Federal Operating Permit Program

**Table 13a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date:	Permit No.:	Regulated Entity No.:
07/17/2025	O1315	102018322

Emission Point ID No.	SOP/GOP Index No.	Emission Standard	Comb Device	95% Scrubber	PERF Test	Negative Pressure	Bypass Line
455	63FFFF-G2CPV	GRP2	-	-	-	-	-
PE8-AV16B	63FFFF-G2CPV	GRP2	-	-	-	-	-
PE8-AV1B	63FFFF-G2CPV	GRP2	-	-	-	-	-

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 33)**

Federal Operating Permit Program

**Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date:	Permit No.:	Regulated Entity No.:
07/17/2025	O1315	102018322

Emission Point ID No.	SOP Index No.	Recovery Device	Existing Source	TRE Index Threshold	Alt 63SS Mon Parameters	Alt 63SS Mon ID	SS Device Type	SS Device ID	Water
GRPPEG1CPV	63FFFF-G1CPV	-	-	-	-	-	-	-	-
PE6-PV	63FFFF-G1CPV	-	-	-	-	-	-	-	-
PE7-PV	63FFFF-G1CPV	-	-	-	-	-	-	-	-
PE8-PV	63FFFF-G1CPV	-	-	-	-	-	-	-	-
217	63FFFF-G2CPV	NO	-	-	-	-	-	-	-
261	63FFFF-G2CPV	NO	-	-	-	-	-	-	-
413	63FFFF-G2CPV	NO	-	-	-	-	-	-	-

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 33)**

Federal Operating Permit Program

**Table 13b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date:	Permit No.:	Regulated Entity No.:
07/17/2025	O1315	102018322

Emission Point ID No.	SOP Index No.	Recovery Device	Existing Source	TRE Index Threshold	Alt 63SS Mon Parameters	Alt 63SS Mon ID	SS Device Type	SS Device ID	Water
455	63FFFF-G2CPV	NO	-	-	-	-	-	-	-
PE8-AV16B	63FFFF-G2CPV	NO	-	-	-	-	-	-	-
PE8-AV1B	63FFFF-G2CPV	NO	-	-	-	-	-	-	-

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 35)**

Federal Operating Permit Program

**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date:		Permit No.:	Regulated Entity No.:
07/17/2025		O1315	102018322

Emission Point ID No.	SOP Index No.	Designated GRP1	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
GRPPEG1CPV	63FFFF-G1CPV	YES	NO	NO	NO	NO	-	NO	NONE
PE6-PV	63FFFF-G1CPV	YES	NO	NO	NO	NO	-	NO	NONE
PE7-PV	63FFFF-G1CPV	YES	NO	NO	NO	NO	-	NO	NONE
PE8-PV	63FFFF-G1CPV	YES	NO	NO	NO	NO	-	NO	NONE
217	63FFFF-G2CPV	-	-	-	-	-	-	-	-
261	63FFFF-G2CPV	-	-	-	-	-	-	-	-
413	63FFFF-G2CPV	-	-	-	-	-	-	-	-

**Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 35)**

Federal Operating Permit Program

**Table 13d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)
Subpart FFFF: National Emission Standards for Hazardous Air Pollutants:
Miscellaneous Organic Chemical Manufacturing - Continuous Process Vents
Texas Commission on Environmental Quality**

Date:	Permit No.:	Regulated Entity No.:
07/17/2025	O1315	102018322

Emission Point ID No.	SOP Index No.	Designated GRP1	Designated HAL	Determined HAL	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
455	63FFFF-G2CPV	-	-	-	-	-	-	-	-
PE8-AV16B	63FFFF-G2CPV	-	-	-	-	-	-	-	-
PE8-AV1B	63FFFF-G2CPV	-	-	-	-	-	-	-	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program
Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROPE6DDD	60DDDEMERG	PROPYL	YES	89+	NO	-	-
PROPE8DDD	60DDDEMERG	PROPYL	YES	89+	NO	-	-
PROPE6DDD	60DDDICNTL	PROPYL	YES	89+	NO	-	-
PROPE7DDD	60DDDICNTL	PROPYL	YES	89+	NO	-	-
PROPE8DDD	60DDDICNTL	PROPYL	YES	89+	NO	-	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program
Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROPE6DDD	60DDDWTPCT	PROPYL	YES	89+	NO	-	-
PROPE7DDD	60DDDWTPCT	PROPYL	YES	89+	NO	-	-
PROPE8DDD	60DDDWTPCT	PROPYL	YES	89+	NO	-	-
PROPE6DDD	60DDDDTPY	PROPYL	YES	89+	NO	-	-
PROPE7DDD	60DDDDTPY	PROPYL	YES	89+	NO	-	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program
Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROPE8DDD	60DDDDTPY	PROPYL	YES	89+	NO	-	-
PROPE6DDD	60DDDDCTE	PROPYL	YES	89+	NO	-	-
PROCACTDDD	60DDDDCTE	PROPYL	YES	89+	NO	-	-
PROPE6DDD	60DDDDCCNTL	PROPYL	YES	89+	NO	-	-
PROPE7DDD	60DDDDCCNTL	PROPYL	YES	89+	NO	-	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 1)
Federal Operating Permit Program
Table 1a: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Manufactured Product	Continuous Process	Construction/Modification Date	Experimental Process Line	Modified After Applicability Date	Table 2 Threshold Emission Rates
PROPE8DDD	60DDDCENTL	PROPYL	YES	89+	NO	-	-
PROPE8DDD	60DDDAMOC216	PROPYL	YES	89+	NO	-	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program
Table 1d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROPE6DDD	60DDDEMERG	1-	INTER	-	-
PROPE8DDD	60DDDEMERG	1-	INTER	-	-
PROPE6DDD	60DDDDICNTL	1-	INTER	-	-
PROPE7DDD	60DDDDICNTL	1-	INTER	-	-
PROPE8DDD	60DDDDICNTL	1-	INTER	-	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program
Table 1d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROPE6DDD	60DDDDWTPCT	1-	CONT	1.6+	0.1-
PROPE7DDD	60DDDDWTPCT	1-	CONT	1.6+	0.1-
PROPE8DDD	60DDDDWTPCT	1-	CONT	1.6+	0.1-
PROPE6DDD	60DDDDTPY	1-	CONT	1.6-	0.1+
PROPE7DDD	60DDDDTPY	1-	CONT	1.6-	0.1+

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program
Table 1d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROPE8DDD	60DDDDTPY	1-	CONT	1.6-	0.1+
PROPE6DDD	60DDDDCTE	1-	CONT	1.6+	0.1+
PROCACTDDD	60DDDDCTE	1-	CONT	1.6+	0.1+
PROPE6DDD	60DDDDCCNTL	1-	CONT	1.6+	0.1+
PROPE7DDD	60DDDDCCNTL	1-	CONT	1.6+	0.1+

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 4)
Federal Operating Permit Program
Table 1d: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Polyolefin Production	Process Emissions	Uncontrolled Annual Emissions	Weight Percent TOC
PROPE8DDD	60DDDDCCNTL	1-	CONT	1.6+	0.1+
PROPE8DDD	60DDDDAMOC216	1-	CONT	1.6+	0.1+

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 5)
Federal Operating Permit Program
Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Control of Continuous Emissions Entering the Control Device	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROPE6DDD	60DDDEMERG	-	-	-	-	-	-
PROPE8DDD	60DDDEMERG	-	-	-	-	-	-
PROPE6DDD	60DDDICNTL	-	-	-	-	-	-
PROPE7DDD	60DDDICNTL	-	-	-	-	-	-
PROPE8DDD	60DDDICNTL	-	-	-	-	-	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 5)
Federal Operating Permit Program
Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Control of Continuous Emissions Entering the Control Device	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROPE6DDD	60DDDDWTPCT	NONE	-	-	-	NO	-
PROPE7DDD	60DDDDWTPCT	NONE	-	-	-	NO	-
PROPE8DDD	60DDDDWTPCT	NONE	-	-	-	NO	-
PROPE6DDDD	60DDDDTPY	NONE	-	-	-	NO	-
PROPE7DDDD	60DDDDTPY	NONE	-	-	-	NO	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 5)
Federal Operating Permit Program
Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Control of Continuous Emissions Entering the Control Device	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROPE8DDD	60DDDDTPY	NONE	-	-	-	NO	-
PROPE6DDD	60DDDDCTE	NONE	-	-	-	NO	-
PROCACTDDD	60DDDDCTE	NONE	-	-	-	NO	-
PROPE6DDD	60DDDDCCNTL	NONE	FLARE	216, 308, 408	-	YES	-
PROPE7DDD	60DDDDCCNTL	NONE	FLARE	216, 308, 408	-	YES	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 5)
Federal Operating Permit Program
Table 1e: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Control of Continuous Emissions Entering the Control Device	Continuous Control Device	Control Device ID No.	Annual Emissions Entering the Control Device	Table 3 Control Requirements	Emission Reduction From Control Device
PROPE8DDD	60DDDDCNTL	NONE	FLARE	216, 308, 408	-	YES	-
PROPE8DDD	60DDDDAMOC216	NONE	CARBADS	CAS-3	-	YES	-

Fugitive Emission Unit Attributes
Form OP-UA28 (Page 6)
Federal Operating Permit Program
Table 1f: Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
Texas Commission on Environmental Quality

Date	Permit No.	Regulated Entity No
07/17/2025	O1315	102018322

Process ID No.	SOP Index No.	Emergency Vent	Existing Control Device	Intermittent Control Device	Control Device No.
PROPE6DDD	60DDDEMERG	YES	-	-	-
PROPE8DDD	60DDDEMERG	YES	-	-	-
PROPE6DDD	60DDDICNTL	NO	NO	FLARE	216, 308, 408
PROPE7DDD	60DDDICNTL	NO	NO	FLARE	216, 308, 408
PROPE8DDD	60DDDICNTL	NO	NO	FLARE	216, 308, 408

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 8)
Federal Operating Permit Program

Table 5a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
 Chemical Manufacturing - MCPU Processes**

Date:	07/17/2025	Permit No.:	O1315	Regulated Entity No.:	102018322	
Area Name:	Pasadena Plastics Complex	Customer Reference No.:		Customer Reference No.:	600303614	
Process ID No.	SOP Index No.	Ammonium Sulfate	Other Operations	63.100 CMPU	G2/<1000 Lb/Yr	2525E1
PROPE6 PROPE6MCPU	63FFFF-1 63FFFF-MCPU1	NO	YES	NO	YES	NO
PROPE7 PROPE7MCPU	63FFFF-1 63FFFF-MCPU1	NO	YES	NO	YES	NO
PROPE8 PROPE8MCPU	63FFFF-1 63FFFF-MCPU1	NO	YES	NO	YES	NO
PROCAT6 PROCAT6MCPU	63FFFF-MCPU2	NO	YES	NO	YES	NO

**Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 9)
Federal Operating Permit Program**

Table 5b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
Chemical Manufacturing - MCPU Processes**

Date:	07/17/2025	Permit No.:	O1315	Regulated Entity No.:	102018322
Area Name:	Pasadena Plastics Complex			Customer Reference No.:	600303614

Process ID No.	SOP Index No.	Startup 2003	Shared Batch Vent	PUG	Startup 2002	PP Alt	Cont Proc
PROPE6 PROPE6MCPU	63FFFF-1 63FFFF-MCPU1	YES	NO	NO	YES	NO	-
PROPE7 PROPE7MCPU	63FFFF-1 63FFFF-MCPU1	YES	NO	NO	YES	NO	-
PROPE8 PROPE8MCPU	63FFFF-1 63FFFF-MCPU1	YES	NO	NO	YES	NO	-
PROCATACT PROCATMCPU	63FFFF-MCPU2	NO	NO	NO	NO	-	-

Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Form OP-UA60 (Page 10)
Federal Operating Permit Program

Table 5c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

**Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic
 Chemical Manufacturing - MCPU Processes**

Date:	07/17/2025	Permit No.:	O1315	Regulated Entity No.:	102018322
Area Name:	Pasadena Plastics Complex			Customer Reference No.:	600303614

Process ID No.	SOP Index No.	>1000 Lb/Yr	Reduction	New Source	HAP Metals	Fabric Filter	Small CD	Design Eval	Batch Proc Vents
PROPE6 PROPE6MCPU	63FFFF-1 63FFFF-MCPU1	NO	-	NO	-	-	-	-	YES
PROPE7 PROPE7MCPU	63FFFF-1 63FFFF-MCPU1	NO	-	NO	-	-	-	-	YES
PROPE8 PROPE8MCPU	63FFFF-1 63FFFF-MCPU1	NO	-	NO	-	-	-	-	YES
PROCATACT PROCATMCPU	63FFFF-MCPU2	NO	-	YES	NO	-	-	-	YES

**Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
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Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)

Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes with Batch Vents

Date:	07/17/2025	Permit No.:	O1315	Regulated Entity No.:	102018322
Area Name:	Pasadena Plastics Complex			Customer Reference No.:	600303614

Process ID No.	SOP Index No.	Designated Grp1	Determined Grp1	Vent Emission Control
GRPEG1BPV	63FFFFG1BPVFL1	YES	-	CFL
1008 1008A/B	63FFFF-G2BPV	NO	NO	-
1009 1009A/B	63FFFF-G2BPV	NO	NO	-

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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
901	118227	106.261	5/16/2014
901	118227	106.262	5/16/2014
259	131301	106.261	6/1/2015
306	131301	106.261	6/1/2015
259	138668	106.261	3/9/2016
259	138668	106.262	3/9/2016
306	138668	106.261	3/9/2016
306	138668	106.262	3/9/2016
406	138668	106.261	3/9/2016
406	138668	106.262	3/9/2016
259	139421	106.261	4/27/2016
306	139421	106.261	4/27/2016
406	139421	106.261	4/27/2016
901	139421	106.261	4/27/2016
259	140005	106.261	7/15/2016
259	140005	106.262	7/15/2016
406	140005	106.261	7/15/2016
406	140005	106.262	7/15/2016
259	143215	106.261	11/15/2016
259	143215	106.262	11/15/2016
306	143215	106.261	11/15/2016
306	143215	106.262	11/15/2016
406	143215	106.261	11/15/2016
406	143215	106.262	11/15/2016
901	143215	106.261	11/15/2016
901	143215	106.262	11/15/2016

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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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
259	146146	106.261	4/14/2017
306	146146	106.261	4/14/2017
406	146146	106.261	4/14/2017
901	146146	106.261	4/14/2017
216	147836	106.261	9/6/2017
308	147836	106.261	9/6/2017
408	147836	106.261	9/6/2017
216	149767	106.261	2/1/2018
216	149767	106.262	2/1/2018
308	149767	106.261	2/1/2018
308	149767	106.262	2/1/2018
408	149767	106.261	2/1/2018
408	149767	106.262	2/1/2018
259	151091	106.261	4/16/2018
306	151091	106.261	4/16/2018
406	151091	106.261	4/16/2018
901	151091	106.261	4/16/2018
259	153732	106.261	11/13/2018
259	153732	106.262	11/13/2018
306	153732	106.261	11/13/2018
306	153732	106.262	11/13/2018
306	155414	106.261	3/15/2019
306	155414	106.262	3/15/2019
259	156160	106.261	4/25/2019
306	156160	106.261	4/25/2019
406	156160	106.261	4/25/2019

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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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
900	156160	106.261	4/25/2019
901	156160	106.261	4/25/2019
259	156561	106.261	4/26/2019
259	156561	106.262	4/26/2019
259	156744	106.261	6/3/2019
259	156744	106.262	6/3/2019
306	158987	106.261	11/5/2019
306	158987	106.262	11/5/2019
259	160659	106.261	4/9/2020
306	160659	106.261	4/9/2020
406	160659	106.261	4/9/2020
901	160659	106.261	4/9/2020
259	162436	106.261	9/11/2020
259	162436	106.262	9/11/2020
306	162718	106.261	9/23/2020
306	162718	106.262	9/23/2020
306	162827	106.261	10/14/2020
306	162827	106.262	10/14/2020
306	163145	106.261	11/20/2020
306	163145	106.262	11/20/2020
306	164048	106.261	2/24/2021
306	164048	106.262	2/24/2021
406	164048	106.261	2/24/2021
406	164048	106.262	2/24/2021
259	164358	106.261	3/23/2021
259	164358	106.262	3/23/2021

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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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
259	164420	106.261	4/2/2021
259	164420	106.262	4/2/2021
259	164576	106.261	4/26/2021
306	164576	106.261	4/26/2021
406	164576	106.261	4/26/2021
406	165522	106.261	7/8/2021
406	165522	106.262	7/8/2021
259	165729	106.261	7/13/2021
259	165729	106.262	7/13/2021
406	167951	106.261	3/2/2022
406	167951	106.262	3/2/2022
406	168695	106.261	4/22/2022
406	168695	106.262	4/22/2022
259	168562	106.261	4/28/2022
306	168562	106.261	4/28/2022
406	168562	106.261	4/28/2022
259	168879	106.261	5/19/2022
259	168879	106.262	5/19/2022
219	168949	106.261	6/17/2022
PE62RLOADA	168949	106.261	6/17/2022
PE62RLOADB	168949	106.261	6/17/2022
PE62RLOADC	168949	106.261	6/17/2022
PE62RLOADD	168949	106.261	6/17/2022
1008A/B	170475	106.261	11/4/2022
1009A/B	170475	106.261	11/4/2022
406	170971	106.261	11/17/2022

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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
406	170971	106.262	11/17/2022
259	171123	106.261	12/16/2022
259	171123	106.262	12/16/2022
306	171123	106.261	12/16/2022
306	171123	106.262	12/16/2022
406	171123	106.261	12/16/2022
406	171123	106.262	12/16/2022
406	171622	106.261	2/10/2023
406	171622	106.262	2/10/2023
259	172355	106.261	4/11/2023
259	172355	106.262	4/11/2023
306	172355	106.261	4/11/2023
306	172355	106.262	4/11/2023
406	172355	106.261	4/11/2023
406	172355	106.262	4/11/2023
901	172355	106.261	4/11/2023
901	172355	106.262	4/11/2023
PE6-PELLET	172355	106.261	4/11/2023
PE6-PELLET	172355	106.262	4/11/2023
306	173125	106.261	6/21/2023
306	173125	106.262	6/21/2023
406	173125	106.261	6/21/2023
406	173125	106.262	6/21/2023
259	173589	106.261	8/30/2023
259	173589	106.262	8/30/2023
306	173589	106.261	8/30/2023
306	173589	106.262	8/30/2023

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This form for use by facilities subject to air quality permit requirements and may be revised periodically (Title V IMS Release 05/20)

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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
406	173589	106.261	8/30/2023
406	173589	106.262	8/30/2023
259	174131	106.261	10/6/2023
259	174131	106.262	10/6/2023
306	174131	106.261	10/6/2023
306	174131	106.262	10/6/2023
406	174131	106.261	10/6/2023
406	174131	106.262	10/6/2023
406	175313	106.261	2/15/2024
406	175313	106.262	2/15/2024
408	175313	106.261	2/15/2024
408	175313	106.262	2/15/2024
PE8-PELLET	175313	106.261	2/15/2024
PE8-PELLET	175313	106.262	2/15/2024
406	175605	106.261	3/12/2024
406	175605	106.262	3/12/2024
259	175896	106.261	4/11/2024
306	175896	106.261	4/11/2024
406	175896	106.261	4/11/2024
901	175896	106.261	4/11/2024
306	176182	106.261	4/30/2024
306	176182	106.262	4/30/2024
259	176229	106.261	5/31/2024
259	176229	106.262	5/31/2024
259	176608	106.261	6/13/2024
259	176608	106.262	6/13/2024

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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
259	176982	106.261	7/29/2024
259	176982	106.262	7/29/2024
259	177516	106.261	9/19/2024
259	177516	106.262	9/19/2024
259	177516	106.261	10/15/2024
259	177516	106.262	10/15/2024
406	178325	106.261	12/3/2024
406	178325	106.262	12/3/2024
406	178399	106.261	12/3/2024
406	178399	106.262	12/3/2024
406	178647	106.262	12/30/2024
219	178570	106.261	1/8/2025
219	178570	106.262	1/8/2025
259	178570	106.261	1/8/2025
259	178570	106.262	1/8/2025
PE6-PELLET	178570	106.261	1/8/2025
PE6-PELLET	178570	106.262	1/8/2025
216	178570	106.261	1/8/2025
216	178570	106.262	1/8/2025
PE8-PELLET	178569	106.261	1/10/2025
PE8-PELLET	178569	106.262	1/10/2025
306	179171	106.261	2/21/2025
306	179171	106.262	2/21/2025
259	179420	106.261	3/21/2025
259	179420	106.262	3/21/2025
406	180608	106.261	4/2/2025

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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
7/17/2025	O1315	102018322

Unit ID No.	Registration No.	PBR No.	Registration Date
406	180608	106.262	4/2/2025
259	179615	106.261	4/3/2025
406	179615	106.261	4/3/2025
901	179615	106.261	4/3/2025
306	179844	106.261	4/17/2025
306	179844	106.262	4/17/2025
259	179913	106.261	4/24/2025
259	179913	106.262	4/24/2025
259	180042	106.261	5/6/2025
259	180042	106.262	5/6/2025
406	180608	106.261	5/6/2025
406	180608	106.262	5/6/2025

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**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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date
123	106.532	9/4/2000
124	106.532	9/4/2000
125	106.532	9/4/2000
126	106.532	9/4/2000
617	106.512	9/4/2000
20A	106.472	9/4/2000
25A	106.472	9/4/2000
26A	106.472	9/4/2000
BKPFWP	106.511	9/4/2000
BLEACHTKS	106.472	9/4/2000
ENG101A	106.511	9/4/2000
ENG102A	106.511	9/4/2000
ENGINE2N	106.511	9/4/2000
ENGINE3N	106.511	9/4/2000
ENGINE4N	106.511	9/4/2000
ENGINE5N	106.511	9/4/2000
ENGINE6N	106.511	9/4/2000
SITEWIDE	106.393	9/4/2000
SITEWIDE	106.227	9/4/2000
SITEWIDE	106.263	11/1/2001
SJWT_CITK	106.472	9/4/2000
TNK95-01	106.472	9/4/2000
TNK95-10	106.472	9/4/2000
TNK95-20	106.472	9/4/2000
TNK95-30	106.472	9/4/2000
TNK95-40	106.472	9/4/2000
TNK95-1025	106.472	9/4/2000
TNK95-1026	106.472	9/4/2000
TNK95-1845	106.472	9/4/2000
TNK95-1846	106.472	9/4/2000
UTL-95-20	106.472	9/4/2000
UTL-95-30	106.472	9/4/2000
UTL-95-40	106.472	9/4/2000

**Texas Commission on Environmental Quality
Permit By Rule Supplemental Table (Page 3)
Table C: Claimed (not registered) Permits By Rule (30 TAC Chapter 106) for Insignificant Sources for the Application
Area**

Date	Permit Number	Regulated Entity Number
7/17/2025	O1315	102018322
PBR No.	Version No./Date	
106.102	9/4/2000	
106.122	9/4/2000	
106.141	3/7/2013	
106.242	9/4/2000	
106.244	9/4/2000	
106.266	9/4/2000	
106.372	9/4/2000	
106.451	9/4/2000	
106.453	9/4/2000	
106.531	9/4/2000	

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
123	106.532	9/4/2000	Keep annual records to demonstrate that the material being separated has a true partial pressure of VOC less than 0.5 psia.
124	106.532	9/4/2000	Keep annual records to demonstrate that the material being separated has a true partial pressure of VOC less than 0.5 psia.
125	106.532	9/4/2000	Keep annual records to demonstrate that the material being separated has a true partial pressure of VOC less than 0.5 psia.
126	106.532	9/4/2000	Keep annual records to demonstrate that the material being separated has a true partial pressure of VOC less than 0.5 psia.
216	106.261	11/1/2003	The flare is monitored as required in NSR Permit 4437A, PSDTX808 and N014M2 Special Condition 12, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
216	106.262	11/1/2003	The flare is monitored as required in NSR Permit 4437A, PSDTX808 and N014M2 Special Condition 12, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
219	106.261	11/1/2003	The baghouse filters are monitored according to NSR Permit Nos. 4437A, PSDTX808 and N014M2 Special Condition 13.
219	106.262	11/1/2003	The baghouse filters are monitored according to NSR Permit Nos. 4437A, PSDTX808 and N014M2 Special Condition 13.
259	106.261	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
259	106.262	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
306	106.261	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
306	106.262	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
308	106.261	11/1/2003	The flare is monitored as required in NSR Permit Nos. 4437A, PSDTX808 and N014M2 Special Condition 12, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
308	106.262	11/1/2003	The flare is monitored as required in NSR Permit Nos. 4437A, PSDTX808 and N014M2 Special Condition 12, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
406	106.261	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
406	106.262	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
408	106.261	11/1/2003	The flare is monitored as required in NSR Permit 4437A, PSDTX808 and N014M2 Special Condition 12, including minimum combustion zone net heating value and maximum flare tip velocity requirements.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
408	106.262	11/1/2003	The flare is monitored as required in NSR Permit 4437A, PSDTX808 and N014M2 Special Condition 12, including minimum combustion zone net heating value and maximum flare tip velocity requirements.
617	106.512	9/4/2000	Engine runtime hours are recorded and maintained to ensure compliance with the PBR. Calculated emissions are kept on-site.
900	106.261	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
901	106.261	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
901	106.262	11/1/2003	Emissions from fugitive component leaks are minimized through the 28VHP and 28PI Leak Detection and Repair programs as detailed in the Special Condition Nos. 5-9 of NSR Permit No. 4437A, PSDTX808 and N014M2 found in Appendix B of the TV permit. The LDAR requirements in the permit specify the parameter monitored and the frequency of monitoring. Fugitive components are also monitored according to the requirements found in Applicable Requirements Summary table in the Title V permit.
1008A/B	106.261	11/1/2003	HEPA Filters will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808 and N014M2 Special Condition 15.
1009A/B	106.261	11/1/2003	HEPA Filters will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808 and N014M2 Special Condition 15.
20A	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
25A	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
26A	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
BKPFWP	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
BLEACHTKS	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
ENG101A	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENG102A	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENGINE2N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENGINE3N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
ENGINE4N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENGINE5N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
ENGINE6N	106.511	9/4/2000	Keep records of the number of operating hours and purpose of operation for the engine each month. Use the emission factors from manufacturer provided certification and/or EPA's AP-42 Table 3.3-1 (October 1996) along with the monthly operating hours recorded to calculate the rolling 12-month emissions to demonstrate compliance with the limits in 106.4.
PE62RLOADA	106.261	11/1/2003	The number of material handling operations authorized by this PBR is recorded to ensure compliance with emissions calculation.
PE62RLOADB	106.261	11/1/2003	The number of material handling operations authorized by this PBR is recorded to ensure compliance with emissions calculation.
PE62RLOADC	106.261	11/1/2003	The number of material handling operations authorized by this PBR is recorded to ensure compliance with emissions calculation.
PE62RLOADD	106.261	11/1/2003	The number of material handling operations authorized by this PBR is recorded to ensure compliance with emissions calculation.
PE6-PELLET	106.261	11/1/2003	Pellet emissions will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808and N014M2 Special Condition 17.
PE6-PELLET	106.262	11/1/2003	Pellet emissions will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808and N014M2 Special Condition 17.
PE8-PELLET	106.261	11/1/2003	Pellet emissions will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808and N014M2 Special Condition 17.
PE8-PELLET	106.262	11/1/2003	Pellet emissions will follow the monitoring requirements of NSR Permit Nos. 4437A, PSDTX808and N014M2 Special Condition 17.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
SITEWIDE	106.393	9/4/2000	The quantity of material loaded is recorded annually to ensure compliance with emissions calculation, which will be calculated annually.
SITEWIDE	106.227	9/4/2000	The facility maintains records to demonstrate emissions are not more than 0.6 tpy of lead.
SITEWIDE	106.263	11/1/2001	Where applicable, keep records on-site of the type and reason for MSS activity, the processes and equipment involved; date, time, and duration of the activity or facility operation; and the air contaminants and amounts which are emitted as a result of the activity or facility operation per 106.263(g)(1)-(4). MSS emissions are recorded by the end of the month following the month during which the MSS activity occurred; these emissions are summed monthly, and the rolling 12-month emissions record is updated on a monthly basis to demonstrate compliance with the limits in 106.4 and 106.263(f). Calculated emissions are kept on-site.
SJWT_CITK	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
TNK95-01	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
TNK95-10	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
TNK95-20	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
TNK95-30	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
TNK95-40	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.

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
7/17/2025	O1315	102018322

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
TNK95-1025	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
TNK95-1026	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
TNK95-1845	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
TNK95-1846	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
UTL-95-20	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
UTL-95-30	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.
UTL-95-40	106.472	9/4/2000	Where applicable, true vapor pressure, volatile organic compounds (VOC) content type, or a combination is recorded for storage, and/or loading or unloading events and are used to calculate emissions to ensure compliance with the limits in 106.4.

**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 07/17/2025	Regulated Entity No.: 102018322	Permit No.: O1315
Company Name: Chevron Phillips Chemical Company, LP		Area Name: Pasadena Plastics Complex

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certifications by Responsible Official) to certify information contained in this for 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:</p> <p>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><i>*For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status.</i></p> <p><i>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.</i></p> <p><i>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.</i></p>	

Major NSR Summary Table

Permit Numbers: 4437A, PSDTX808, and N014M2		Issuance Date: 11/7/2024					
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
1010	Catalyst Activator 6 Main Burner	VOC	0.05	---	15, 23	15, 23	
		PM	0.07	---			
		PM10	0.07	---			
		PM2.5	0.07	---			
		SO2	0.14	---			
		NOx	0.35	---			
		CO	0.81	---			
		VOC	0.05	---			
1011	Catalyst Activator 7 Main Burner	VOC	0.05	---	15, 23	15, 23	
		PM	0.07	---			
		PM10	0.07	---			
		PM2.5	0.07	---			
		SO2	0.14	---			
		NOx	0.35	---			
		CO	0.81	---			
		VOC	0.05	---			
1010 and 1011	Catalyst Activator Burners 6, 7	PM	---	0.64	15, 23	15, 23	
		PM10	---	0.64			
		PM2.5	---	0.64			
		SO2	---	1.20			
		NOx	---	3.09			
		CO	---	3.54			
		VOC	---	0.46			
		VOC	2.14	---			
1008A/B	Catalyst Activator 6 HEPA Filter Vent	PM	2.14	---	3, 4, 15, 16, 23	3, 4, 15, 16, 19, 23	3, 4
		PM10	0.14	---			
		PM2.5	0.03	---			
		VOC	44.40	---			
		CO	46.80	---			
		VOC	46.80	---			

Major NSR Summary Table

Permit Numbers: 4437A, PSDTX808, and N014M2		Issuance Date: 11/7/2024					
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
1009A/B	Catalyst Activator 7 HEPA Filter Vent	PM	2.14	---	3, 4, 15, 16, 23	3, 4, 15, 16, 19, 23	3, 4
		PM10	0.14	---			
		PM2.5	0.03	---			
		VOC	44.4	---			
		CO	46.8	---			
1008A/B, 1009A/B	Catalyst Activators 6, 7 HEPA Filter Vent	PM	---	0.65	3, 4, 15, 16, 23	3, 4, 15, 16, 23	3, 4
		PM10	---	0.04			
		PM2.5	---	0.01			
		CO	---	26.00			
		VOC	---	3.86			
1007	Catalyst Activator Fugitive Emissions	PM	<0.01	0.01	23	23	
		PM10	<0.01	<0.01			
		PM2.5	<0.01	<0.01			
20	Administrative Complex Emergency Generator	PM	0.86	0.04	23	23	
		PM10	0.86	0.04			
		PM2.5	0.86	0.04			
		SO2	0.8	0.04			
		NOx	12.09	0.60			
		CO	2.61	0.13			
		VOC	0.96	0.05			
		VOC	1	---			
		VOC	1	---			
		VOC	---	0.15			
201	Flash Tank Cleanout	VOC	1	---	23, 25, 27, 28, 31	23, 25, 27, 28, 31	
		VOC	1	---			
250	Flash Tank Cleanout	VOC	1	---	23, 25, 27, 28, 31	23, 25, 27, 28, 31	
		VOC	---	0.15			
201 & 250	Flash Tank Cleanout	VOC	---	0.15	23, 25, 27, 28, 31	23, 25, 27, 28, 31	
		VOC	---	0.15			
206	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM10	0.07	---			
		PM2.5	0.07	---			
		VOC	0.03	---			
252	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM10	0.07	---			
		PM10	0.07	---			

TCEQ-20648 (APD-ID164v1.0, Revised 09/22) Major NSR Summary Table

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Major NSR Summary Table

Permit Numbers:		4437A, PSDTX808, and N014M2		Issuance Date:		11/7/2024	
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
		PM2.5	0.07	---			
		VOC	0.03	---			

Major NSR Summary Table

Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements		Recordkeeping Requirements		Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.		
206 & 252	Powder Additive Tanks	PM	---	0.08	3, 23	3, 23	3			
		PM10	---	0.08						
		PM2.5	---	0.08						
		VOC	---	0.03						
207	Pellet Dryer	VOC	0.61	2.68	3, 23	3, 23	3			
208	Blend Tanks	PM	0.04	0.19	23	23				
		PM10	0.04	0.19						
		PM2.5	0.04	0.19						
209	Off-Spec Tank	PM	0.05	---	23	23				
		PM10	0.05	---						
		PM2.5	0.05	---						
255	Off-Spec Tank	PM	0.05	---	23	23				
		PM10	0.05	---						
		PM2.5	0.05	---						
209 & 255	Off-Spec Tanks	PM	---	0.20	23	23				
		PM10	---	0.20						
		PM2.5	---	0.20						
210	Pellet Storage Tanks/Cyclone Vents	PM	0.15	0.67	23	23				
		PM10	0.15	0.67						
		PM2.5	0.15	0.67						
217	Extruder Feed Tank & Cont Bleeder Vent	PM	0.01	0.04	3, 23	3, 23				
		PM10	0.01	0.04						
		PM2.5	0.01	0.04						
		VOC	2.85	12.50						
219	Pellet Loadout Filter	PM	0.04	0.21	23	23				
		PM10	0.04	0.21						
		PM2.5	0.04	0.21						
PE6-Pellet	P6 Pellet Loss	VOC	9.6	36.79	17, 23	17, 23				
253	Pellet Dryer	VOC	0.61	2.68	3, 23	3, 23				

TCEQ-20648 (APD-ID164v1.0, Revised 09/22) Major NSR Summary Table
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Major NSR Summary Table

Permit Numbers:		4437A, PSDTX808, and N014M2		Issuance Date:		11/7/2024	
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
254	Blend Tanks	PM	0.04	0.19	23	23	
		PM10	0.04	0.19			
		PM2.5	0.04	0.19			
256	PE 6 Analyzer Vents	VOC	0.01	0.05	23	23	

Major NSR Summary Table

Permit Numbers:		4437A, PSDTX808, and N014M2		Issuance Date:		11/7/2024	
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
257	Pellet Storage Tanks/Cyclone Vents	PM	0.15	0.67	23	23	
		PM10	0.15	0.67			
		PM2.5	0.15	0.67			
259	PE6 Piping Fugitives (5)	VOC	8.33	36.46	3, 4, 5, 6, 7, 8, 9, 10, 23	3, 4, 5, 8, 9, 10, 23	3, 4, 10
260	Plant 6 Cooling Tower	PM	1.68	7.36	11, 23	11, 23	
		PM10	0.96	4.21			
		PM2.5	<0.01	0.02			
		VOC	1.18	3.86			
261	Extruder Feed Tank & Cont Bleeder Vent	PM	0.01	0.04	3, 23	3, 23	3
		PM10	0.01	0.04			
		PM2.5	0.01	0.04			
		VOC	2.85	12.50			
27	Water Well Number 5 Engine	PM	0.03	0.01	23	23	
		PM10	0.03	0.01			
		PM2.5	0.03	0.01			
		SO2	<0.01	<0.01			
		NOx	0.27	0.12			
		CO	0.4	0.18			
		VOC	0.05	0.02			
300	Flash Tank Cleanout	VOC	1	---	23, 25, 27, 28, 31	23, 25, 27, 28	
350	Flash Tank Cleanout	VOC	1	---	23, 25, 27, 28, 31	23, 25, 27, 28	
300 & 350	Flash Tanks Cleanout	VOC	---	0.15	23, 25, 27, 28, 31	23, 25, 27, 28	
302	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM10	0.07	---			
		PM2.5	0.07	---			
		VOC	0.03	---			

Major NSR Summary Table

Permit Numbers: 4437A, PSDTX808, and N014M2		Issuance Date: 11/7/2024					
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
352	Powder Additive Tank	PM	---	---	3, 23	3, 23	3
		PM10	---	---			
		PM2.5	---	---			
		VOC	---	---			

Major NSR Summary Table

Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements		Recordkeeping Requirements		Reporting Requirements	
			lbs/hour	TPY (4)	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.	Spec. Cond./Appl. Info.		
302 & 352	Powder Additive Tanks	PM	---	0.08	3, 23	3, 23	3			
		PM10	---	0.08						
		PM2.5	---	0.08						
		VOC	---	0.03						
303	Pellet Dryer	VOC	0.51	2.21	3, 23	3, 23	3			
304	Pellet Blending & Storage	PM	0.21	0.33	3, 23	3, 23	3			
		PM10	0.21	0.33						
		PM2.5	0.21	0.33						
305	Pellet Loadout Bag Filter	PM	0.04	0.34	13, 23	13, 17, 23				
		PM10	0.04	0.34						
		PM2.5	0.04	0.34						
		PM	0.01	0.02	13, 23	13, 23				
305A	Pelletron Deduster	PM10	0.01	0.02						
		PM2.5	0.01	0.02						
		VOC	10.38	45.47	3, 4, 5, 6, 7, 8, 9, 10, 23	3, 4, 5, 8, 9, 10, 19, 23	3, 4, 10			
306	Plant 7 Cooling Tower	PM	0.5	2.20	11, 23	11, 23				
		PM10	0.29	1.26						
		PM2.5	<0.01	<0.01						
		VOC	1.75	4.58						
311	Fluff Hopper Car Dust Bag Filter	PM	0.04	0.10	3, 13, 23	3, 13, 23	3			
		PM10	0.04	0.10						
		PM2.5	0.04	0.10						
		VOC	0.29	0.67						
313	Extruder Feed Tank & Cont. Bleeder Vent	PM	0.01	0.04	3, 23	3, 23	3			
		PM10	0.01	0.04						
		PM2.5	0.01	0.04						
		VOC	2.85	12.50						
PE7-PELLET	P7 Pellet Loss	VOC	9.6	36.79	3, 17, 23	3, 17, 23	3			

TCEQ-20648 (APD-ID164V1.0, Revised 09/22) Major NSR Summary Table

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Major NSR Summary Table

Permit Numbers:		4437A, PSDTX808, and N014M2		Issuance Date:		11/7/2024	
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
353	Pellet Dryer	VOC	0.51	2.21	3, 23	3, 23	3
354	Pellet Blending and Storage	PM	0.21	0.33	3, 23	3, 23	3
		PM10	0.21	0.33			
		PM2.5	0.21	0.33			

Major NSR Summary Table

Permit Numbers:		4437A, PSDTX808, and N014M2		Issuance Date:		11/7/2024	
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
355	Extruder Feed Tank & Cont. Bleeder Vent	PM	0.01	0.04	3, 23	3, 23	3
		PM10	0.01	0.04			
		PM2.5	0.01	0.04			
		VOC	2.85	12.50			
356	PE 7 Analyzer Vents	VOC	0.01	0.05	23	23	23
400	Flash Tank Cleanout	VOC	1.01	---	23, 25, 27, 28, 31	23, 25, 27, 28, 31	23, 25, 27, 28, 31
450	Flash Tank Cleanout	VOC	1.01	---	23, 25, 27, 28, 31	23, 25, 27, 28, 31	23, 25, 27, 28, 31
400 & 450	Flash Tanks Cleanout	VOC	---	0.12	23, 25, 27, 28, 31	23, 25, 27, 28, 31	23, 25, 27, 28, 31
402	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM10	0.07	---			
		PM2.5	0.07	---			
		VOC	0.03	---			
452	Powder Additive Tank	PM	0.07	---	3, 23	3, 23	3
		PM10	0.07	---			
		PM2.5	0.07	---			
		VOC	0.03	---			
402 & 452	Powder Additive Tanks	PM	---	0.08	3, 23	3, 23	3
		PM10	---	0.08			
		PM2.5	---	0.08			
		VOC	---	0.03			
403	Pellet Dryer	VOC	1.82	7.97	3, 23	3, 23	3
404	Pellet Blending & Storage/Cyclone	PM	0.07	0.25	3, 23	3, 23	3
		PM10	0.07	0.25			
		PM2.5	0.07	0.25			
405	Pellet Loadout Bag Filter	PM	0.01	0.02	13, 23	13, 23	
		PM10	0.01	0.02			
		PM2.5	0.01	0.02			

TCEQ-20648 (APD-ID164v1.0, Revised 09/22) Major NSR Summary Table
 This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Major NSR Summary Table

Permit Numbers:		4437A, PSDTX808, and N014M2		Issuance Date:		11/7/2024	
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info. 3, 4, 5, 6, 7, 8, 9, 10, 23	Recordkeeping Requirements Spec. Cond./Appl. Info. 3, 4, 5, 8, 9, 10, 23	Reporting Requirements Spec. Cond./Appl. Info. 3, 4, 10
			lbs/hour	TPY (4)			
406	PE8 Piping Fugitives (5)	VOC	8.3	36.33			

Major NSR Summary Table

Permit Numbers:		4437A, PSDTX808, and N014M2		Issuance Date:		11/7/2024	
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
407	Plant 8 Cooling Tower	PM	0.45	1.97	11, 23	11, 23	
		PM10	0.26	1.13			
		PM2.5	<0.01	<0.01			
		VOC	1.58	4.14			
414	Pellet Transfer Hopper	PM	0.01	0.03	13, 23	13, 23	
		PM10	0.01	0.03			
		PM2.5	0.01	0.03			
		VOC	9.6	36.79	17, 23	17, 23	
PE8-PELLET	PE 8 Pellet Loss	VOC	1.82	7.97	3, 23	3, 23	3
453	Pellet Dryer	VOC	0.07	0.25	3, 23	3, 23	3
454	Pellet Blending & Storage/Cyclone	PM	0.07	0.25			
		PM10	0.07	0.25			
		PM2.5	0.07	0.25			
456	PE 8 Analyzer Vents	VOC	0.01	0.07	23	23	
65.2	Diesel Tank	VOC	0.26	0.01	23	23	
900	HC Unloading Fugitives (5)	VOC	0.3	1.33	4, 5, 6, 7, 9, 10, 23	4, 5, 9, 10, 23	4, 10
901	HC Storage Fugitives (5)	VOC	1.89	8.27	3, 4, 5, 6, 7, 8, 9, 10, 23	3, 4, 5, 8, 9, 10, 23	3, 4, 10
308 (6)	PE 6/7 Flare	NOx	49.42	---	3, 12, 18, 21, 23	12, 21, 23	
		CO	423.74	---			
		VOC	172.98	---			
		SO2	0.22	---			
408 (6)	PE 8 Flare	NOx	49.42	---	3, 12, 18, 21, 23	12, 21, 23	
		CO	423.74	---			
		VOC	172.98	---			
		SO2	0.22	---			
216 (6)	PE Flare	NOx	49.42	---	3, 12, 18, 21, 23	12, 21, 23	
		CO	423.74	---			
		VOC	172.98	---			

TCEQ-20648 (APD-ID164v1.0, Revised 09/22) Major NSR Summary Table
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Major NSR Summary Table

Permit Numbers: 4437A, PSDTX808, and N014M2		Issuance Date: 11/7/2024					
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements Spec. Cond./Appl. Info.	Recordkeeping Requirements Spec. Cond./Appl. Info.	Reporting Requirements Spec. Cond./Appl. Info.
			lbs/hour	TPY (4)			
308, 408, and 216 (6), (7)	All Flares Routine Emissions (CO, SO ₂ , and NO _x limits include both routine and MSS)	SO ₂	0.22	---	3, 12, 18, 21, 23, 29	12, 21, 23, 25, 27, 29	37
		NO _x	49.42	57.16			
		CO	423.74	490.13			
		VOC	172.98	188.87			
		SO ₂	0.22	0.34			

Major NSR Summary Table

Permit Numbers:		4437A, PSDTX808, and N014M2		Issuance Date:		11/7/2024	
Emission Point No. (1)	Source Name (2)	Air Contaminants Name (3)	Emission Rates		Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
			lbs/hour	TPY (4)			
308, 408, and 216 (6), (7)	All Flares MSS Emissions	VOC	179.07	13.67	Spec. Cond./Appl. Info. 12, 21, 23, 29	Spec. Cond./Appl. Info. 12, 21, 23, 25, 27, 29	Spec. Cond./Appl. Info.
MSSCAP	MSS Cap (EPNs 8, 10, 902, 903, DEG- 2, 3, 4, PEMSSATM, PEMSSLD), AEROSOL, MISCMS, FLTCOMSS, PE6CFMSS, PE7CFMSS, PE8CFMSS	VOC	67.47	11.85	23, 27, 28, 29, 30, 33	19, 23, 25, 27, 28, 29, 30, 34	
		PM	9.54	2.26			
		PM10	8.03	1.35			
		PM2.5	8.03	1.35			
CAS-3	PE8 Carbon Adsorption System	VOC	0.99	3.51	14, 23	14, 19, 23	
1012	Raw Catalyst Loading Act 6 HEPA Filter Vent	PM	0.02	<0.01	23	23	
		PM10	0.02	<0.01			
		PM2.5	0.02	<0.01			
1013	Raw Catalyst Loading Act 7 HEPA Filter Vent	PM	0.02	<0.01	23	23	
		PM10	0.02	<0.01			
		PM2.5	0.02	<0.01			

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) VOC= volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NOx= total oxides of nitrogen

SO2= sulfur dioxide

PM= total particulate matter, suspended in the atmosphere, including PM10 and PM2.5, as represented

PM10= total particulate matter equal to or less than 10 microns in diameter, including PM2.5, as represented

PM2.5= particulate matter equal to or less than 2.5 microns in diameter

CO= carbon monoxide

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

(5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

(6) Emission limits for the PE Flare (EPN 216), the PE 6/7 Flare (EPN 308), and the PE 8 Flare (EPN 408) include routine and off-gas operation. Flare emissions are based on total flow rate and composition of all process vents.

(7) Combined emission limits designated as "All Flares" shall not be exceeded no matter how many flares are in operation.

TCEQ-20648 (APD-ID164V1.0, Revised 09/22) Major NSR Summary Table

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Kelly Keel, *Interim Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 14, 2023

MR RAVI KAGGAL
ENVIRONMENTAL SUPERVISOR
CHEVRON PHILLIPS CHEMICAL COMPANY LP
1400 JEFFERSON
PASADENA TX 77506-2001

Re: Alternative Method of Compliance (AMOC) No. 216
Pasadena Plant
Alternative Compliance for NSPS DDD
Regulated Entity Number: RN102018322
Customer Reference Number: CN600303614
Associated Permit Numbers: 4437A, N014M3, PSDTX808, and O1315

Dear Mr. Kaggal:

This correspondence is in response to Chevron Phillips Chemical Company LP's (CPChem's) May 11, 2023 revision request to clarify portions of the approved Alternative Method of Compliance (AMOC) No. 216 which authorizes alternative monitoring and testing to demonstrate compliance with 40 CFR Part 60 Subpart DDD Standards of Performance for VOC Emissions from the Polymer Manufacturing Industry (NSPS DDD) for the Polyethylene Plant 8 Extruder Feed Tanks (PE8 EFT) and Master Feeders (PE8 MF) which are controlled by a carbon adsorption system (CAS).

We understand that CPChem is requesting the following:

- A) The CAS (EPN CAS-3) 20 ppm outlet VOC concentration be based on a daily average instead of a 3-hour average (§ 60.545(f)(3));
- B) Previously completed performance testing which complied with 40 CFR 63 Subpart FFFF National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing (MON) be used for initial testing demonstrations (§§ 60.564(c), 60.565(l)); and
- C) Establish the applicable compliance date for car seal requirements for valves under the revised MON as of August 1, 2023.

The Texas Commission on Environmental Quality (TCEQ) Executive Director has made a final decision to approve your AMOC requests to use the daily average instead of a 3-hour average for the outlet 20 ppm VOC concentration determination and rely on the January 2019 performance test. The TCEQ has been delegated authority to enforce the above cited standards and is authorized to approve this AMOC. You are reminded that approval of any AMOC shall not abrogate the Executive Director or Administrator's authority under the Act or in any way prohibit later canceling the AMOC. By copy of this letter, we are informing the Environmental Protection Agency, Region 6, of this decision as required by TCEQ's delegation of authority.

This AMOC approval may supersede certain requirements or representations in Permit Nos. 4437A, N014M2, and PSDTX808. To ensure effective and consistent enforceability, we request that CPChem incorporate this AMOC into the permit through a permit Alteration within 90 days of this correspondence.

This approval may also change applicable requirements for the site, which are identified in the site operating permit (SOP) O1315. The TCEQ recommends the submittal of a SOP administrative revision if any changes are necessary. Changes meeting the criteria for an administrative revision can be operated

July 14, 2023
Page 2
MR RAVI KAGGAL

Re: Permit Numbers: 4437A, N014M3, PSDTX808, and O1315

before issuance of the revision if a complete application is submitted to the TCEQ and this information is maintained with the SOP records at the site.

If you need further information or have any questions, please contact Ms. Anne Inman, P.E. at (512) 239-1276 or write to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division, MC-163, P.O. Box 13087, Austin, Texas 78711-3087.

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

cc: Chief Health Inspector, Health Department, City of Pasadena, Pasadena
Director, Harris County, Pollution Control Services, Pasadena
Air Section Manager, Region 12 - Houston
Jesse E. Chacon, P.E., Manager, Operating Permits Section, Air Permits Division, OA: MC-163
Becky Tsuchiya, Manager, Chemical New Source Review Permits Section, Air Permits Division,
OA: MC-163
Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection
Agency, Region 6, Dallas

Project Number: 357503

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Kelly Keel, *Interim Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 14, 2023

MR RAVI KAGGAL
ENVIRONMENTAL SUPERVISOR
CHEVRON PHILLIPS CHEMICAL COMPANY LP
1400 JEFFERSON
PASADENA TX 77506-2001

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Associated Permit Numbers: 4437A, N014M3, PSDTX808, and O1315

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MR RAVI KAGGAL

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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

cc: Chief Health Inspector, Health Department, City of Pasadena, Pasadena
Director, Harris County, Pollution Control Services, Pasadena
Air Section Manager, Region 12 - Houston
Jesse E. Chacon, P.E., Manager, Operating Permits Section, Air Permits Division, OA: MC-163
Becky Tsuchiya, Manager, Chemical New Source Review Permits Section, Air Permits Division,
OA: MC-163
Air Permits Section Chief, New Source Review Section (6PD-R), U.S. Environmental Protection
Agency, Region 6, Dallas

Project Number: 357503

Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program

The Texas Commission on Environmental Quality (TCEQ) shall be notified of a new appointment or administrative information change (e.g., address, phone number, title) for a Responsible Official (RO), Designated Representative (DR), or Alternate Designated Representative (ADR) in the next submittal. This form satisfies the requirements for notification (a revised Certificate of Representation must also be submitted to the U.S. Environmental Protection agency for changes in the DR and ADR). After the initial submittal, if there is a change of Duly Authorized Representative (DAR) appointment or administrative information changes for the DAR, include a revised Form OP-DEL (Delegation of Responsible Official) with the next submittal to TCEQ.

I. Identifying Information
Account No.: BL-0758-C
Regulated Entity Number: RN 100825249
Customer Reference Number: CN 600303614
Permit Number: O2151
Area Name: Sweeny Complex, Olefins and NGL Assets
Company: Chevron Phillips Chemical Company LP
II. Change Type
Action Type: <input type="checkbox"/> New Appointment <input checked="" type="checkbox"/> Administrative Information Change
Contact Type (only one response accepted per form): <input checked="" type="checkbox"/> Responsible Official <input type="checkbox"/> Designated Representative (<i>Acid Rain Program and/or CSAPR sources only</i>) <input type="checkbox"/> Alternate Designated Representative (<i>Acid Rain Program and/or CSAPR sources only</i>)

Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program

III. Responsible Official/Designated Representative/Alternate Designated Representative Information
Conventional Title:
<input checked="" type="checkbox"/> Mr.
<input type="checkbox"/> Mrs.
<input type="checkbox"/> Ms.
<input type="checkbox"/> Dr.
Name (Driver's License/STEERS): Bryan Canfield
Title: EVP of Manufacturing and Projects
Appointment Effective Date:
Telephone Number:
Fax Number.:
Company Name:
Mailing Address: 9500 Lakeside Blvd
City: The Woodlands
State: TX
ZIP Code: 77381
Email Address:

Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program

IV. Certification of Truth, Accuracy, and Completeness

This certification does not extend to information, which is designated by TCEQ as information for reference only.

I, Bryan Canfield, certify that based on information and belief formed Reasonable inquiry, the statement and information stated above are true, accurate, and complete.

Signature: 

Signature Date: 5/21/25

**Change of Responsible Official
Federal Operating Permit Program
(Extension)**

V. Additional Identifying Information
Account No.: BL-0044-C
Regulated Entity Number: RN 102200482
Customer Reference Number: CN 600303614
Permit Number: O2710
Area Name: Clemens Terminal
Account Number: BL-0758-C
Regulated Entity Number: RN 100825249
Customer Reference Number: CN 600303614
Permit Number: O3961
Area Name: Polyethylene Units 40 and 41 and 1-Hexene Unit
Account Number: OC-0012-Q
Regulated Entity Number: RN 100215615
Customer Reference Number: CN 600303614
Permit No.: O1310
Area Name: Orange Plant
Account Number: JE-0508_W
Regulated Entity Number: RN 100209857
Customer Reference Number: CN 600303614
Permit Number: O1235
Area Name: Port Arthur Plant
Account Number: HG-0310-V
Regulated Entity Number: RN 103919817
Customer Reference Number: CN 600303614
Permit Number: O2114
Area Name: Olefins Unit

**Change of Responsible Official
Federal Operating Permit Program
(Extension)**

V. Additional Identifying Information
Account No.: HG-0566-H
Regulated Entity Number: RN 102018322
Customer Reference Number: CN 600303614
Permit Number: O1315
Area Name: Pasadena Plastics Plant, Polyethylene Units
Account Number: HW-0013C
Regulated Entity Number: RN 102320850
Customer Reference Number: CN 600303614
Permit Number: O2164
Area Name: Borger Plant
Account Number: HG-0310-V
Regulated Entity Number: RN 103919817
Customer Reference Number: CN 600303614
Permit No.: O2114
Area Name: Olefins Units
Account Number: HG-0310-V
Regulated Entity Number: RN 103919817
Customer Reference Number: CN 600303614
Permit Number: O2115
Area Name: Polyethylene Unit (PEU 1792)
Account Number: HG-0310-V
Regulated Entity Number: RN 103919817
Customer Reference Number: CN 600303614
Permit Number: O2370
Area Name: Polyethylene Unit (PEU 1799)

**Change of Responsible Official
Federal Operating Permit Program
(Extension)**

V. Additional Identifying Information
Account No.: HG-0310-V
Regulated Entity Number: RN 103919817
Customer Reference Number: CN 600303614
Permit Number: O3247
Area Name: Polyethylene Unit 1796
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit No.:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:
Account Number:
Regulated Entity Number: RN
Customer Reference Number: CN
Permit Number:
Area Name:

Texas Commission on Environmental Quality

Title V Existing

1315

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	PASADENA CHEMICAL COMPLEX POLYETHYLENE UNITS
Does the site have a physical address?	Yes
Physical Address	
Number and Street	1400 JEFFERSON
City	PASADENA
State	TX
ZIP	77506
County	HARRIS
Latitude (N) (##.#####)	29.727777
Longitude (W) (-###.#####)	95.181111
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)?	RN102018322
What is the name of the Regulated Entity (RE)?	PASADENA PLASTICS COMPLEX
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	1400 JEFFERSON
City	PASADENA
State	TX
ZIP	77506
County	HARRIS
Latitude (N) (##.#####)	29.727777
Longitude (W) (-###.#####)	-95.174166
Facility NAICS Code	
What is the primary business of this entity?	INDUSTRIAL CHEMICAL MANUFACTURING PLANT

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN600303614
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Chevron Phillips Chemical Company LP
Texas SOS Filing Number	13487011
Federal Tax ID	731587712
State Franchise Tax ID	17315877120

State Sales Tax ID	
Local Tax ID	
DUNS Number	152975665
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	CHEVRON PHILLIPS CHEMICAL COMPANY LP
Prefix	MR
First	BRYAN
Middle	
Last	CANFIELD
Suffix	
Credentials	
Title	SENIOR VICE PRESIDENT MANUFACTURING

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	10001 SIX PINES DR
Routing (such as Mail Code, Dept., or Attn:)	
City	THE WOODLANDS
State	TX
ZIP	77380
Phone (###-###-####)	7134753621
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	canficb@cpchem.com

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

Select existing DAR contact or enter a new contact.

Organization Name	CHEVRON PHILLIPS CHEMICAL COMPANY LP
Prefix	MRS
First	CATHERINE
Middle	M
Last	GILL
Suffix	
Credentials	
Title	Plant Manager

Enter new address or copy one from list

Mailing Address

Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 792
Routing (such as Mail Code, Dept., or Attn:)	
City	PASADENA
State	TX
Zip	77501
Phone (###-###-####)	7134753610
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	GILLCM@CPCHEM.COM

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

RAVI KAGGAL(CHEVRON PHILLIP...)

Prefix

CHEVRON PHILLIPS CHEMICAL COMPANY LP

First

MR

Middle

RAVI

Last

KAGGAL

Suffix

Credentials

Title

ENVIRONMENTAL SUPERVISOR

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

1400 JEFFERSON

Routing (such as Mail Code, Dept., or Attn:)

City

PASADENA

State

TX

ZIP

77506

Phone (###-###-####)

7134755685

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

ravi.kaggal@cpchem.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

29 Deg 43 Min 40 Sec

3) Permit Longitude Coordinate:

95 Deg 10 Min 52 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) Who will electronically sign this Title V application?	Duly Authorized Representative
6) 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)

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)

[File Properties]

File Name	OP-CRO2 July 2025.pdf
Hash	395453743FD568DED2B89DA3A3CEC377D2F83DD179C0DD6F3E4AE0BF864B4074
MIME-Type	application/pdf

Attach OP-DEL (Delegation of Responsible Official)

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name	2025_07_17 CP Chem O1315 Renewal Application.pdf
Hash	5F02D56CE85BED3DE601F71D13F77FC7DB16D0457D061BE1102EC7FDCD3EE708
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 Duly Authorized Representative 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 Catherine M Gill, the owner of the STEERS account ER114489.
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 1315.
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: Catherine M Gill OWNER OPERATOR

Account Number: ER114489
Signature IP Address: 69.94.2.15
Signature Date: 2025-07-17
Signature Hash: E9D1B11EC96BFA6CF1304C98EF18F7FD5FEA8539EC17475DE53B8A02AFBC0D91
Form Hash Code at time of Signature: 116C81D823B53ABEE6EA69D16EF45985BB8A4C889FC6B573954BC50019C51C12

Submission

Reference Number: The application reference number is 800840
Submitted by: The application was submitted by ER114489/Catherine M Gill
Submitted Timestamp: The application was submitted on 2025-07-17 at 14:34:35 CDT
Submitted From: The application was submitted from IP address 69.94.2.15
Confirmation Number: The confirmation number is 665315
Steers Version: The STEERS version is 6.92
Permit Number: The permit number is 1315

Additional Information

Application Creator: This account was created by Erica Davis

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 25, 2025

THE HONORABLE CAROL ALVARADO
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38596
Permit Number: O1315
Chevron Phillips Chemical Company, LP
Pasadena Plastics Complex
Pasadena, Harris County
Regulated Entity Number: RN102018322
Customer Reference Number: CN600303614

Dear Senator Alvarado:

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=-95.181111,29.727777&level=13>.

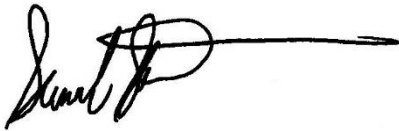
The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment 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 Carol Alvarado
Page 2
July 25, 2025

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

Brooke T. Paup, *Chairwoman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 25, 2025

THE HONORABLE MARY ANN PEREZ
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 38596
Permit Number: O1315
Chevron Phillips Chemical Company, LP
Pasadena Plastics Complex
Pasadena, Harris County
Regulated Entity Number: RN102018322
Customer Reference Number: CN600303614

Dear Representative Perez:

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=-95.181111,29.727777&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", with a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Carolyn Thomas

From: eNotice TCEQ
Sent: Friday, July 25, 2025 11:01 AM
To: carol.alvarado@senate.texas.gov; Jaime.Villarreal@senate.texas.gov;
megan.maldonado@senate.texas.gov; Maryann.perez@house.texas.gov
Subject: TCEQ Notice - Permit Number O1315
Attachments: TCEQ Notice - O1315_38596.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. Rhyan Stone with the Air Permits Division at (512) 239-1293.

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.