

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Wednesday, February 12, 2025 6:09 AM
To: Mark Meyer
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

Thanks for the confirmation of receipt of our certification package.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Monday, February 10, 2025 11:05 AM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good morning, sir.

I have received the certification of changes package that was mailed last Wednesday, 2/5/2025.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Wednesday, February 5, 2025 11:28 AM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good deal.

Thank you, sir. I will advise upon receipt of the original.

Appreciate it.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Wednesday, February 5, 2025 10:09 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: FW: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

I have attached a pdf version of the certification of changes package that is being mailed by certified mail today.

Please let me know if you have any questions or need further information.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Tuesday, February 4, 2025 3:34 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

I will get the OP-CRO1 certifying the changes as soon as I can.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Saturday, February 1, 2025 1:27 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon,

The project has passed QAQC and is ready of the final OP-CRO1 certifying the changes made since the application submittal.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Thursday, January 30, 2025 9:59 AM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Excellent!

Thank you, sir.

I will request the certification as soon as the project passes QAQC.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Thursday, January 30, 2025 9:56 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: FW: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

Eastman has completed the review of the review of v3 of the WDP for the renewal of FOP O1971 – Acetaldehyde (Project 36655) dated 1/29/2025 and accepts the draft permit as presented.

Please let me know when you are ready for the certification of changes.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Wednesday, January 29, 2025 5:53 PM

To: Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

I have completed the updates needed per your comments submitted 1/22/2025, related to "adding back" the two citations we removed earlier, for the none tanks and MACT G.

I have also updated the submittal date of the OP-PBR SUP you also provided on 1/22/2025.

Just for your records, our Technical Specialist when I passed along your comments/justification/explanation provided 1/22/2025, commented:

I think that is fine if the permit represents the process control option which is the primary control option. The fuel gas option excludes a recordkeeping requirement that process control requires, but otherwise the requirements are pretty much identical.

Attached, please find the updated WDP (v3) for your official approval.

Please review and provide your approval at your earliest opportunity so that we can proceed to issuing the PNAP.

As always, thank you, sir.

Mark Meyer

Air Permits Division - Operating Permits

Texas Commission on Environmental Quality

512.239.0445

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From: Mark Meyer

Sent: Wednesday, January 22, 2025 2:34 PM

To: Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

While admittedly I have not done more than just glance at your comments below submitted earlier this afternoon regarding the HON Subpart G, Group 1 tanks, I did receive a response from our Technical Specialist and wanted to pass it along right away:

"The regulation does not make any distinction on the percentage of time that a unit is routed to a process or to a fuel gas system. The requirements are almost identical with the exception that routing emissions to a process must meet 63.119(f)(1)(i)-(iv) and the reporting requirements of 63.120(f).

I believe to properly represent both compliance options, you would use two separate SOP Index Numbers, one for routing to a process and one for routing emissions to a fuel gas system. Eastman would have to keep records showing which of the compliance options are being used during the annual permit compliance certification period.”

Please let me know if this changes your thinking at all. I will get back with you either later today or tomorrow after reviewing your most recent related comments below.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Wednesday, January 22, 2025 1:54 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

Received – thank you. I will review, make any required updates, and advise accordingly.

I apologize for the lack of response regarding the HON Group 1, MACT G tank situation, but I am still waiting to hear back from our Technical Specialist on his view. I do see that you have provided updated comments below.

Thank you again.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

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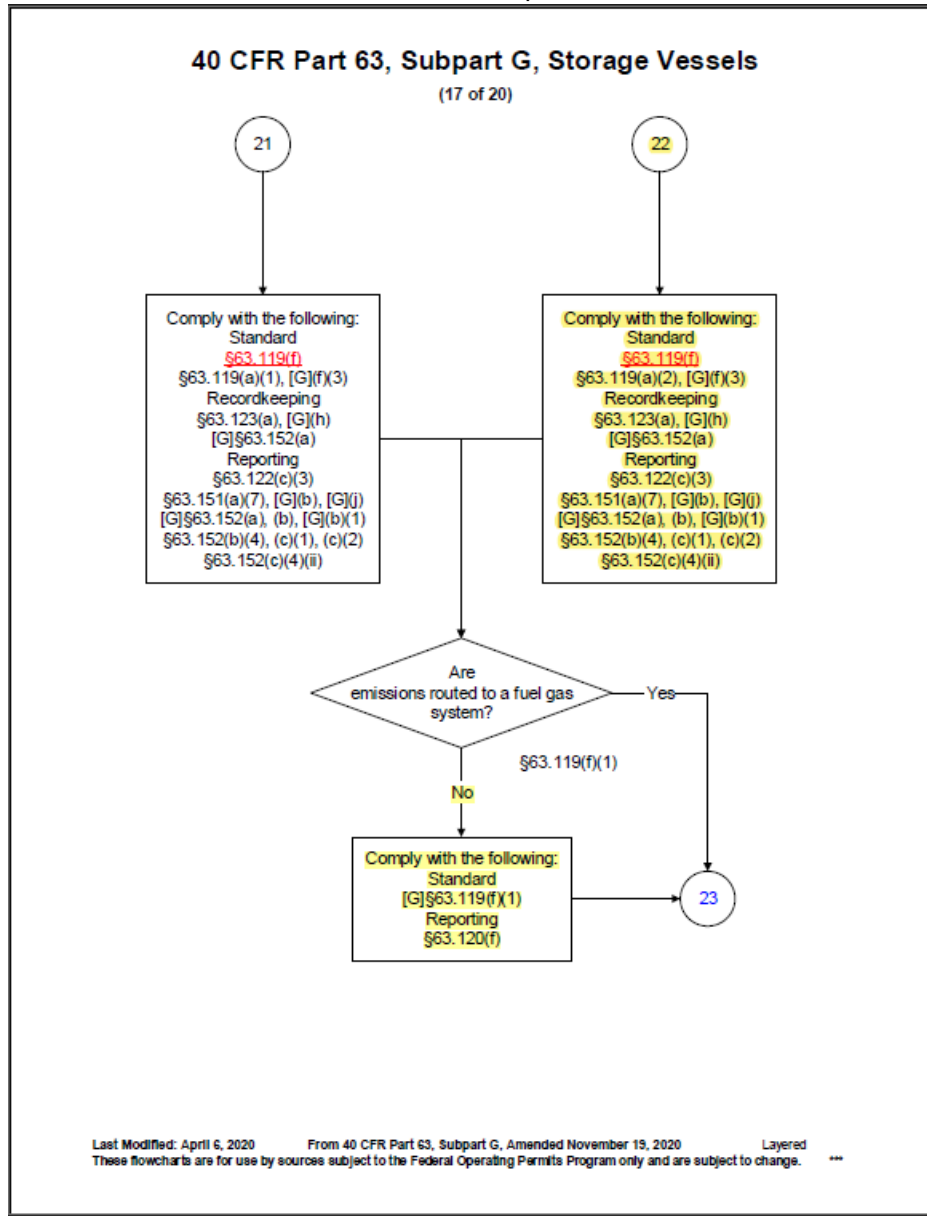
From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Wednesday, January 22, 2025 1:33 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

Eastman has completed the review of v2 of the WDP for the renewal of FOP O1971 – Acetaldehyde (Project 36655) dated 1/11/2025 and provides the following comments/revisions.

- Based on the information provided by the Acetaldehyde operating area Eastman has revised the flowchart for the HON Subpart G, Group 1 tanks addressed by OP-UA3, Table

9. Eastman believes that the answers provided on the OP-UA3, Table 9 are accurate. Specifically the “Emission Control Type” identified as “PROCESS”. The material balance provided by operations personnel indicated that 99.94% of the acetaldehyde is controlled by being routed back to the process for recovery. Only 0.06% of the acetaldehyde is sent to the fuel gas system as fuel. Therefore, standard citation [G] 63.119(f)(1) and reporting citation 63.120(f) should be added to the FOP for Unit IDs EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, EP115T603 (see page 17 from flowchart below). Eastman feels that the amount of acetaldehyde being sent to the fuel gas system is insignificant and does not warrant a second SOP Index No. to represent this small fraction.



- A revised PBR SUP is attached as requested.

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Wednesday, January 15, 2025 8:11 AM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: Re: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

Thank you for the clarification. I will run this by our Technical Specialist and get his take.

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From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Wednesday, January 15, 2025 8:01:38 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

I agree with the concept of your proposal for this situation. However, generally when we use two SOP Index Nos. for a single piece of equipment complying with a specific regulation it is because we have alternate flow paths for the **entire stream**. By opening and closing valves we are able to change the destination of the entire stream. This situation is different in that the stream is always split between the two control methods. That is the reason I was questioning about the relative percentages between these two control options. I am in the process of determining from Operations how much acetaldehyde typically exits the top the stripper and is sent to the fuel gas system for control. This stream may be very small, maybe even less than 1%. So at what point do we say that the amount going to the fuel gas system is too small to be significant and we don't represent that control option in our Title V permit?

Thanks for your guidance.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Tuesday, January 14, 2025 6:40 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good evening, Mr. McMeen.

Thank you for your inquiry.

Right now, there is one Index No. (63G-0013) for each of the nine units. Typically, an index number represents an operating scenario. If I am viewing this situation properly and based on your explanation immediately below, it appears that potentially what are actually two operating scenarios are being combined as one operating scenario. Perhaps if we would use one Index No. to address one of the control devices, and then a second Index No. to handle the second control device? The way I am understanding this at this moment, my first instinct is to use this method, i.e., two Index Nos. for each of the nine units, with an Index No. representing one each of the two possible control devices utilized.

Please advise as to your thoughts and whether I am on track or if I am completely missing the situation.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Timothy McMeen (US) <tmcmeen@eastman.com>

Sent: Tuesday, January 14, 2025 5:00 PM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

I have not reviewed your entire note below, but I did want to ask you a question regarding the destination for the tank vents (process versus fuel gas system). The tank vents are all directed to a common header that is routed to the off-gas scrubber for the unit (I am in the process of verifying this with Operations). The majority of acetaldehyde is collected in the water fraction from the scrubber and is routed back to the crude acetaldehyde column for recovery in the process. A small amount of acetaldehyde will exit the off gas scrubber with the gas fraction and will be sent to Eastman's Rotary Kiln Incinerator (RKI) or the HCl Recovery Furnace as fuel gas. This is probably the reason for the confusion in our forms since the emissions are split between both control methods. I can verify with the Operations the approximate percentage for each, but I'm sure the majority of the acetaldehyde is being recycled back to the process. I can easily correct my flowchart to correct this discrepancy, but if the amount of acetaldehyde in the gas stream is above some percentage (e.g., 10%, 20%, etc.) should this be represented in the Title V permit in some way?

Thanks for your assistance.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview

Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Saturday, January 11, 2025 4:48 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Importance: High

Mr. McMeen,

Why composing the email to our Logic Team, I noticed that your inquiry below related to the added citations states, if I am reading correctly, Eastman is routing emissions to a fuel gas system. I believe the documentation proved (flowcharts) supports this. The scenario of a "fuel gas system" is on which I based my responses and decisions indicated below.

However, the current attribute in the database, and which is supported by the submitted UA3, indicate the code for "Emission Control Type" as "PROCESS." The code for routing to a fuel gas system would be "ROUTED." Please verify/confirm the correct scenario Eastman is utilizing: are emissions routed to a process or to a fuel gas system?

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

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From: Mark Meyer
Sent: Saturday, January 11, 2025 3:03 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

Thank you for your quick review and response. I do greatly appreciate it.

Subsequently, I have completed the review and updates as pertinent based on your comments provided 1/10/2025. Attached, please find the related update WDP (To Applicant v2).

Please note v2 (attached) contains the following changes based on the comments:

1. The latitude and longitude coordinates on the permit face (please see related comments below);
2. The referenced submittal date of the OP-PBRSUP in T&C No. 14

Please see my additional comments/explanation below in red:

Please provide your approval to the WDP and/or any additional comments at your earliest opportunity.

Also, along with your approval and/or comments, please provide the updated and re-dated OP-PBRSUP.

As always, please do not hesitate to contact me should you have any questions.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

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From: Mark Meyer
Sent: Friday, January 10, 2025 12:45 PM
To: Timothy McMeen (US)
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

Received – thank you.

I will review and address as appropriate, and advise.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Friday, January 10, 2025 10:24 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: FW: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Importance: High

Mr. Meyer,

Eastman has completed the review of the WDP version 1a, dated January 6, 2025 for the renewal of FOP O1971 – Acetaldehyde, Project 36655 and provides the responses to your comments (numbered 1 through 7) along with additional comments (numbered 8 and 9) below.

1. Eastman agrees that the correct renewal date for NSR Permit No. 84724 is October 3, 2024. **Acknowledged. No change to WDP as this date was already referenced in WDP v1a.**
2. Eastman agrees that PBRs 106.122 (version 09/04/2000) and 106.263 (version 11/01/2001) should be removed from FOP O1971. **Thank you.**
3. A revised OP-PBRSUP is being submitted with this response to WDP version 1a. The revised OP-PBRSUP is dated January 10, 2025. **Noted and received.**
 - a. The Monitoring requirements in Attachment D have been revised as suggested. **Noted.**
 - b. The Title V Unit IDs of PROHAC1, PROHAC2, and PROHCLREC appear in parentheses on both Attachments A and D because the other Unit IDs listed are not

listed in FOP O1971 since there are no potentially applicable federal regulations. Eastman was trying to provide a link to the Unit IDs not listed in the FOP to a Unit ID that was listed in the FOP. The Unit IDs enclosed in parentheses have been removed. The inclusion of units located at the site/area on the OP-PBRSUP, even if they do not have Title V applicability/requirements (i.e., units EP034ANAL, etc.), is correct. The “footnote” related to such units is fine and probably a good idea. However, all units that are listed/identified in the Title V permit and are authorized in part or in whole by a PBR, must be listed on the OP-PBRSUP (i.e., units PROHAC1, PROHAC2, and PROHCLREC). I apologize if my previous comments were confusing. Based on the documentation currently provided for this permit, including the permit itself, it appears these three units are, at least in part, authorized by a PBR. Please provide an updated OP-PBRSUP which includes these units on Table A and Table D, without the parentheses. As a friendly reminder, all submittals of the OP-PBRSUP must contain all four tables and reference a new submittal date.

- c. Unit IDs SD103LR1 and SD103LT20 have been removed from the OP-PBRSUP. Noted.
- 4. Eastman agrees that there were no attribute changes for Title V Unit ID EP034FG1. The only field that was modified from the previous submittal was the “Title 40 CFR Part 63, Subpart H Fugitive Unit Description” field at the end of the form (see snip-it below). Eastman uses software licensed from Process Data Corporation (PDC) to prepare Title V renewal permits and it is assumed that the software recognized the change to the description and created the line item on the OP-2 with a generic description of “OPUA UA Attrib-Value Change(s)”. Eastman could work with PDC to try to create a new OP-2 to remove the erroneous entry if desired. Thank you for this explanation. The “Title 40 CFR Part 63, Subpart H Fugitive Unit Description” field has been updated in the database to now reference “...Plants 1 and 2...”. That said, please note this update did not lead to any change in the permit, as that information/description is not specifically included in the permit. As far as PDC, perhaps they could work on providing more specific information/detail in such scenarios, on the OP-2. Specifically and clearly identifying any and all changes certainly assists greatly with the review process.

OP-UA12 Table 9g		2023/07	40 CFR Part 63- HAPS				Fu
Date: 5/17/2024		Permit No: O1971		Regulated Entity No: RN100219815			
Area Name: C4 - Acetaldehyde		Customer Reference No.: CN601214406					
FD#	Unit ID No.	SOP/GOP Index No	Bypass Lines	Unsafe To Inspect	Difficult To Inspect	Employee Number	Title 40 CFR Part 63, Subpart H Fu
1068	EP034FG1	63H-0001	No	Yes	Yes	No	ACETALDEHYDE PLANTS 1 AND 2

Eastman agrees that there were no attribute changes for Title V Unit IDs EP034T511, EP034T516, and EP034T517, which all appear on both the OP-UA3, Tables 9 and Table 12. As stated above, Eastman uses software licensed from Process Data Corporation (PDC) to prepare Title V renewal permits and it is assumed that the software recognized the change in the revision date on the OP-UA3 tables and created the line item on the OP-2 with a generic description of “OPUA UA Attrib-Value Change(s)”. Eastman could work with PDC to try to create a new OP-2 to remove the erroneous entries if desired. Thank you for this explanation. To confirm: No new data was provided for these units and the only referenced “change” was only the form version date. Accordingly, no changes have been made to the

database – or permit – for any of these three units (EP034T511, EP034T516, and EP034T517).

A mentioned above, PDC could assist greatly by clearly identifying any and all changes on the OP-2.

5. Disregarded per instructions. **Concur.**
6. Disregarded per instructions. **Concur.**
7. Duly noted. On future projects, Eastman will only submit forms that indicate actual changes and PBR Registration numbers will be included on OP-2, OP-SUMR, and OP-PBRSUP forms in square brackets. **Thank you.**
8. Please correct the location on the permit cover page to: Latitude 32° 26' 15" and Longitude 94° 41' 37", as it appears in the current permit. **Coordinates updated. As I may have explained previously when dealing with this issue in other permits, for whatever reason, the macro that produces the permit document and thus identifies the latitude and longitude coordinates indicated on the permit face, pulls the coordinates for that RN from the Central Registry database, rather than from the Title V database. The coordinates in the Title V database are "correct" but obviously are different from what is indicated in the Central Registry database. Somewhere there are documents being submitted – or have been submitted - for this RN that reference the "incorrect" coordinates and have become the permanent coordinates in the Central Registry database. Unfortunately, it is very difficult to track down the "source" of these different/incorrect coordinates. I have been told in the past, that one source of the Central Registry database information is NSR permits. Does PDC by any chance assist with your NSR permits? If so, is it possible that PDC's database potentially has different coordinates indicated? This is just a guess and in no way a firm statement on the potential difference in the coordinates. It could be from other permit types other than air, i.e., water, waste, etc. In the future, I will return to my usual "habit" of checking the coordinates indicated on the permit face prior to sending the WDP. I obviously failed to do that on this project. For that, I apologize for my error and the subsequent inconvenience.**
9. Please explain why new standard citation "[G] §63.119(f)(1)" and new reporting citation "§63.120(f)" were added for HON Group 1 storage tanks routing emissions to a fuel gas system (Unit IDs EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, EP115T603). The TCEQ flowchart for HON storage tanks does not indicate that these citations are applicable for Eastman's case (see attached flowchart). The flowchart clearly differentiates between routing emissions to a fuel gas system or to a process, so perhaps the "Textual Description" should be modified to reflect that Eastman chooses to route the emissions only to a fuel gas system. **Now after all of the above, we come to the "fun" stuff! I agree totally that the current permit logic does not match the flowchart. I have sent a related inquiry to the Logic/RRT Team for them to address. In the meantime, I suspect the discrepancy stems from an update completed in June of last year (2024) for MACT G in response to the revision to the rule made in May of 2024 for MACT G. That said, please note:**

For the addition of the Reporting requirement 63.120(f), I totally agree that citation is not applicable for you as it clearly references "(storage vessel routed to a process)" and not to a fuel gas system as is your case. Accordingly, I have removed § 63.120(f) from the that Reporting requirements for those nine units (EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, and EP115T603, and Index No. 63G-0013).

For the Related Standard citation [G] §63.119(f)(1), it appears that addition may be partially correct. The citation states: "**If emissions are routed to a fuel gas system**, there is no requirement to conduct a performance test or design evaluation. If emissions are routed to a process, the organic hazardous air pollutants in the emissions shallThe owner or operator shall comply with the compliance demonstration requirements in § 63.120(f)."

So, the first sentence of the citation, "If emissions are routed to a fuel gas system, there is no requirement to conduct a performance test or design evaluation", clearly does reference a fuel gas system, so I believe the citation is applicable and should be included. However, I do NOT believe the [G] associate is correct as the (i) – (iv) component of the citation is, as I read the rule, applicable to only a "process."

As further support that 63.120(f) is NOT applicable, I believe the reference to 63.120(f) in this citation clearly is related specifically to a process, the second part of the citation..

After all is said and done, I have removed the reference to Reporting Requirement § 63.120(f) from those nine units, as well as the [G] association reference and portion, and left only "§ 63.119(f)(1)" as a Standard Requirement, for the same nine units.

Please let me know if you have any further questions regarding this renewal application.

Regards,

Timothy M. McMeen | Eastman

Engineering Associate | Environmental Operations, Longview

Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318

E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Monday, January 6, 2025 11:29 AM

To: Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Importance: High

CAUTION: External Email

Mr. McMeen,

Upon conducting additional research this morning, I have revised the WDP and attached is the revised version, identified as 1a. Please use this version to conduct your review.

The revisions have to do with items 5 and 6 below.

While the TCEQ issued AMA was previously excluded, the EPA issued AMA is also now excluded, along with all references to the/an alternative requirement.

Conducting the further research on previous projects, I discovered this issue has been previously addressed and the AMAs have always been excluded from the Title V permit based on the air addendum being incorporated into various NSR permits, and the update of Special Term and Condition #3 in the Title V permit to include stationary vents constructed prior to January 31, 1972.

I apologize for the inconvenience and rushing to provide the WDP without more thorough due diligence.

Again, please base your review on version 1a, which is attached, and disregard items 5 and 6 below.

As always, please do not hesitate to contact me should you have any questions or concerns.

Thank you for your flexibility and understanding.

Mark Meyer

Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Sunday, January 5, 2025 6:54 PM

To: 'Timothy McMeen (US)' <tmcmeen@eastman.com>

Subject: WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good evening,

I have completed the technical review of the submitted renewal application for Eastman Chemical Company and the C4-Acetaldehyde area (Project 36655, Permit O1971). Attached is the Working Draft Permit for your review and approval, and/or comments.

During the technical review, the following items surfaced which require additional information and/or explanation:

1. The submitted related issuance date for NSR No. 84724 was 8/19/2013. However, a renewal was issued 10/3/2024. Please confirm which issuance date is appropriate to be used. As of now, the 10/3/2024 renewal date is indicated in the WDP.
2. As confirmation, based on the submitted OP-2, OP-SUMR, OP-REQ1, and OP-PBRSUP forms, both PBRs ~~106.222~~ 106.122 (v 09/04/2000) and 106.263 (v 11/01/2001) have been removed from the permit.
3. Per the submitted OP-PBRSUP:
 - a. The currently "Monitoring Requirements" indicated on Tabel D basically reference Conditions in NSR permits. As such references have led to comments in the past, we suggest "Monitoring Requirements" indicate detailed actions as opposed to "referencing a reference". Should you prefer, the current submittal will be used. However, should you desire to possibly lower the risk of potentially receiving comments, please submit an updated PBRSUP indicating more specific, detailed Monitoring Requirements.
 - b. On both Table A and Table D, there are three unit IDs that are enclosed within () (i.e., parentheses). Please advise on the meaning of the parentheses.
 - c. As was discussed during our recent phone conversation about the OP-PBRSUP, the inclusion of reference to units SD103LR1 and SD103LT20 should not be included as they are not part of this Title V permit. Please submit an updated PBRSUP with the references to these two units – including the footnote – removed.
4. The submitted OP-2 indicated UA attribute changes for units EP034FG1 (UA12), EP034T511 (2 Index Nos. on UA3), EP034T516 (2 Index Nos. on UA3), and ~~EP034T5174~~ EP034T517 (2 Index Nos. on UA3). However, the submitted forms do not indicate any changes in attributes that are not already in the database and thus, no changes are reflected in the permit for these units. Please advise.

5. The attached WDP does include the EPA issued AMA from 2010. Please advise on why it is being added at this time when it has not previously been in the permit?
6. The attached WDP does NOT include the "TCEQ" issued AMA from 2000 as it appears to be associated with a Solid Waste Registration and does not seem to belong in the Title V permit. Accordingly, the submitted OP-REQ1 question XI.D.4 has been changed from "Yes" to "No." Please confirm your approval of these actions.
7. Moving forward for future projects, please note the following:
 - a. Only forms that indicate actual changes (additions, subtractions, revisions, etc.) need to be submitted. For this project only identified changes at this point have to do with Preconstruction Authorizations, and thus, Forms OP-REQ2, the UA forms, etc. are not necessary.
 - b. PBR Registration Nos. are to be indicated on the forms OP-2 and OP-SUMR and are to be enclosed in [] (brackets).

As a reminder, whenever form OP-PBRSUP is submitted, it must be the entire form (i.e., all four Tables) and indicate a new submittal date.

Please review the WDP and provide your approval and/or comments at your earliest opportunity, but please no later than COB on Wednesday, 1/15/2025.

As always, please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711-3087
512.239.0445
mark.meyer@tceq.texas.gov

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How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Monday, January 6, 2025 11:29 AM
To: 'McMeen, Timothy M'
Subject: UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Attachments: WDP - O1971 Eastman Chemical Company (Renewal, 36655)_To Applicant v1a_01062025.docx

Importance: High

Mr. McMeen,

Upon conducting additional research this morning, I have revised the WDP and attached is the revised version, identified as 1a. Please use this version to conduct your review.

The revisions have to do with items 5 and 6 below.

While the TCEQ issued AMA was previously excluded, the EPA issued AMA is also now excluded, along with all references to the/an alternative requirement.

Conducting the further research on previous projects, I discovered this issue has been previously addressed and the AMAs have always been excluded from the Title V permit based on the air addendum being incorporated into various NSR permits, and the update of Special Term and Condition #3 in the Title V permit to include stationary vents constructed prior to January 31, 1972.

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Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

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From: Mark Meyer
Sent: Sunday, January 5, 2025 6:54 PM
To: 'Timothy McMeen (US)'
Subject: WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good evening,

I have completed the technical review of the submitted renewal application for Eastman Chemical Company and the C4-Acetaldehyde area (Project 36655, Permit O1971). Attached is the Working Draft Permit for your review and approval, and/or comments.

During the technical review, the following items surfaced which require additional information and/or explanation:

1. The submitted related issuance date for NSR No. 84724 was 8/19/2013. However, a renewal was issued 10/3/2024. Please confirm which issuance date is appropriate to be used. As of now, the 10/3/2024 renewal date is indicated in the WDP.
2. As confirmation, based on the submitted OP-2, OP-SUMR, OP-REQ1, and OP-PBRSUP forms, both PBRs 106.222 (v 09/04/2000) and 106.263 (v 11/01/2001) have been removed from the permit.
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 - a. The currently "Monitoring Requirements" indicated on Tabel D basically reference Conditions in NSR permits. As such references have led to comments in the past, we suggest "Monitoring Requirements" indicate detailed actions as opposed to "referencing a reference". Should you prefer, the current submittal will be used. However, should you desire to possibly lower the risk of potentially receiving comments, please submit an updated PBRSUP indicating more specific, detailed Monitoring Requirements.
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6. The attached WDP does NOT include the "TCEQ" issued AMA from 2000 as it appears to be associated with a Solid Waste Registration and does not seem to belong in the Title V permit. Accordingly, the submitted OP-REQ1 question XI.D.4 has been changed from "Yes" to "No." Please confirm your approval of these actions.
7. Moving forward for future projects, please note the following:
 - a. Only forms that indicate actual changes (additions, subtractions, revisions, etc.) need to be submitted. For this project only identified changes at this point have to do with Preconstruction Authorizations, and thus, Forms OP-REQ2, the UA forms, etc. are not necessary.
 - b. PBR Registration Nos. are to be indicated on the forms OP-2 and OP-SUMR and are to be enclosed in [] (brackets).

As a reminder, whenever form OP-PBRSUP is submitted, it must be the entire form (i.e., all four Tables) and indicate a new submittal date.

Please review the WDP and provide your approval and/or comments at your earliest opportunity, but please no later than COB on Wednesday, 1/15/2025.

As always, please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711-3087
512.239.0445

mark.meyer@tceq.texas.gov

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FEDERAL OPERATING PERMIT

A FEDERAL OPERATING PERMIT IS HEREBY ISSUED TO
Eastman Chemical Company

AUTHORIZING THE OPERATION OF
Eastman Chemical Texas Operations
C4-Acetaldehyde
All Other Basic Organic Chemical Manufacturing

LOCATED AT
Harrison County, Texas
Latitude 32° 26' 22" Longitude 94° 42' 7"
Regulated Entity Number: RN100219815

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

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

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

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

Permit No: O1971 Issuance Date: _____

For the Commission

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General Terms and Conditions

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

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

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

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

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

Special Terms and Conditions:

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

1. Permit holder shall comply with the following requirements:
 - A. Emission units (including groups and processes) in the Applicable Requirements Summary attachment shall meet the limitations, standards, equipment specifications, monitoring, recordkeeping, reporting, testing, and other requirements listed in the Applicable Requirements Summary attachment to assure compliance with the permit.
 - B. The textual description in the column titled "Textual Description" in the Applicable Requirements Summary attachment is not enforceable and is not deemed as a substitute for the actual regulatory language. The Textual Description is provided for information purposes only.
 - C. A citation listed on the Applicable Requirements Summary attachment, which has a notation [G] listed before it, shall include the referenced section and subsection for all commission rules, or paragraphs for all federal and state regulations and all subordinate paragraphs, subparagraphs and clauses, subclauses, and items contained within the referenced citation as applicable requirements.
 - D. When a grouped citation, notated with a [G] in the Applicable Requirements Summary, contains multiple compliance options, the permit holder must keep records of when each compliance option was used.
 - E. Emission units subject to 40 CFR Part 63, Subparts F, G, H, EEE, and FFFF, as identified in the attached Applicable Requirements Summary table, are subject to 30 TAC

Chapter 113, Subchapter C, §113.110, §113.120, §113.130, §113.620, and § 113.890, respectively, which incorporate the 40 CFR Part 63 Subparts by reference.

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

Requirements Summary” attachment, that are subject to the emission limitation of 30 TAC § 111.111(a)(1)(B) are not subject to the following periodic monitoring requirements:

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

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

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

B. For visible emissions from all other sources not specified in 30 TAC § 111.111(a)(1), (4), or (7); the permit holder shall comply with the following requirements:

- (i) Title 30 TAC § 111.111(a)(8)(A) (relating to Requirements for Specified Sources)
- (ii) Title 30 TAC § 111.111(a)(8)(B)(i) or (ii)
- (iii) For a source subject to 30 TAC § 111.111(a)(8)(A), complying with 30 TAC § 111.111(a)(8)(B)(i) or (ii), and capable of producing visible emissions from, but not limited to, particulate matter, acid gases and NO_x, the permit holder shall also comply with the following periodic monitoring requirements for the purpose of annual compliance certification under 30 TAC § 122.146:
 - (1) An observation of visible emissions from a source which is required to comply with 30 TAC § 111.111(a)(8)(A) shall be conducted at least once during each calendar quarter unless the source is not operating for the entire quarter.
 - (2) Records of all observations shall be maintained.
 - (3) Visible emissions observations of sources operated during daylight hours shall be conducted no earlier than one hour after sunrise and no later than one hour before sunset. Visible emissions observations of sources operated only at night must be made with additional lighting and the temporary installation of contrasting backgrounds. Visible emissions shall be determined with each source in clear view of the observer. The observer shall be at least 15 feet, but not more than 0.25 mile, away from each source during the observation. For outdoor locations, the observer shall select a position where the sun is not directly in the observer's eyes. When condensed water vapor is present within the plume, as it emerges from the emissions outlet, observations must be made beyond the point in the plume at which condensed water vapor is no longer visible. When water vapor within the plume condenses and becomes visible at a distance from the emissions outlet, the observation shall be evaluated at the outlet prior to condensation of water vapor. A certified opacity reader is not required for visible emissions observations.
 - (4) Compliance Certification:
 - (a) If visible emissions are not present during the observation, the RO may certify that the source is in compliance with the

applicable opacity requirement in 30 TAC § 111.111(a)(8) and (a)(8)(A)

- (b) However, if visible emissions are present during the observation, the permit holder shall either list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2) or conduct the appropriate opacity test specified in 30 TAC § 111.111(a)(8)(B) as soon as practicable, but no later than 24 hours after observing visible emissions to determine if the source is in compliance with the opacity requirements. If an opacity test is performed and the source is determined to be in compliance, the RO may certify that the source is in compliance with the applicable opacity requirement. However, if an opacity test is performed and the source is determined to be out of compliance, the permit holder shall list this occurrence as a deviation on the next deviation report as required under 30 TAC § 122.145(2). The opacity test must be performed by a certified opacity reader.
- C. Certification of opacity readers determining opacities under Method 9 (as outlined in 40 CFR Part 60, Appendix A) to comply with opacity monitoring requirements shall be accomplished by completing the Visible Emissions Evaluators Course, or approved agency equivalent, no more than 180 days before the opacity reading.
- D. For emission units with contributions from uncombined water, the permit holder shall comply with the requirements of 30 TAC § 111.111(b).
- E. Emission limits on nonagricultural processes, except for the steam generators specified in 30 TAC § 111.153, shall comply with the following requirements:
 - (i) Emissions of PM from any source may not exceed the allowable rates as required in 30 TAC § 111.151(a) (relating to Allowable Emissions Limits)
 - (ii) Sources with an effective stack height (h_e) less than the standard effective stack height (H_e), must reduce the allowable emission level by multiplying it by $[h_e/H_e]^2$ as required in 30 TAC § 111.151(b)
 - (iii) Effective stack height shall be calculated by the equation specified in 30 TAC § 111.151(c)
- 4. The permit holder shall comply with the following requirements for units subject to any subpart of 40 CFR Part 61, unless otherwise stated in the applicable subpart:
 - A. Title 40 CFR § 61.05 (relating to Prohibited Activities)
 - B. Title 40 CFR § 61.07 (relating to Application for Approval of Construction or Modification)
 - C. Title 40 CFR § 61.09 (relating to Notification of Start-up)
 - D. Title 40 CFR § 61.10 (relating to Source Reporting and Request Waiver)
 - E. Title 40 CFR § 61.12 (relating to Compliance with Standards and Maintenance Requirements)
 - F. Title 40 CFR § 61.13 (relating to Emissions Tests and Waiver of Emission Tests)

- G. Title 40 CFR § 61.14 (relating to Monitoring Requirements)
 - H. Title 40 CFR § 61.15 (relating to Modification)
 - I. Title 40 CFR § 61.19 (relating to Circumvention)
5. For facilities where total annual benzene quantity from waste is greater than or equal to 10 megagrams per year and subject to emission standards in 40 CFR Part 61, Subpart FF, the permit holder shall comply with the following requirements:
- A. Title 40 CFR § 61.342(c)(1)(i) - (iii) (relating to Standards: General)
 - B. Title 40 CFR § 61.342(e)(1) (relating to Standards: General)
 - C. Title 40 CFR § 61.342(e)(2)(i) - (ii) (relating to Standards: General)
 - D. Title 40 CFR § 61.342(g) (relating to Standards: General)
 - E. Title 40 CFR § 61.350(a) and (b) (relating to Standards: Delay of Repair)
 - F. Title 40 CFR § 61.355(a)(1)(iii), (a)(2), (a)(6), (b), and (c)(1) - (3) (relating to Test Methods, Procedures, and Compliance Provisions)
 - G. Title 40 CFR § 61.355(k)(1) - (6), and (7)(i) - (iv) (relating to Test Methods, Procedures, and Compliance Provisions), for calculation procedures
 - H. Title 40 CFR § 61.356(a) (relating to Recordkeeping Requirements)
 - I. Title 40 CFR § 61.356(b), and (b)(1) (relating to Recordkeeping Requirements)
 - J. Title 40 CFR § 61.356(b)(4) (relating to Recordkeeping Requirements)
 - K. Title 40 CFR § 61.356(b)(5) (relating to Recordkeeping Requirements)
 - L. Title 40 CFR § 61.357(a), (d)(1), (d)(2) (d)(6) and (d)(8) (relating to Reporting Requirements)
 - M. Title 40 CFR § 61.357(d)(5) (relating to Reporting Requirements)
 - N. Waste generated by remediation activities at these facilities are subject to the requirements identified under 40 CFR § 61.342 for treatment and management of waste
6. The permit holder shall comply with the requirements of 30 TAC Chapter 113, Subchapter C, § 113.100 for units subject to any subpart of 40 CFR Part 63, unless otherwise stated in the applicable subpart.
7. For the chemical manufacturing process specified in 40 CFR Part 63, Subpart F, the permit holder shall comply with 40 CFR § 63.103(a) (relating to General Compliance, Reporting, and Recordkeeping Provisions) (Title 30 TAC Chapter 113, Subchapter C, § 113.110 incorporated by reference).
8. For the chemical manufacturing facilities with a 40 CFR Part 63, Subpart G Group 2 wastewater stream, the permit holder shall comply with (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):

- A. Title 40 CFR § 63.132(a), (a)(1), and (a)(1)(i) (relating to Process Wastewater Provisions - General)
 - B. Title 40 CFR § 63.146(b)(1) (relating to Process Wastewater Provisions - Reporting)
 - C. Title 40 CFR § 63.147(b)(8) (relating to Process Wastewater Provisions - Recordkeeping)
9. For the chemical manufacturing facilities subject to leak detection requirements in 40 CFR Part 63, Subpart G, the permit holder shall comply with the following requirements (Title 30 TAC Chapter 113, Subchapter C, § 113.120 incorporated by reference):
- A. General Leak Detection Requirements:
 - (i) Title 40 CFR § 63.148(d)(1) - (3), and (e) (relating to Leak Inspection Provisions)
 - (ii) Title 40 CFR § 63.148(c), (g), (g)(2), (h), and (h)(2) (relating to Leak Inspection Provisions), for monitoring and testing requirements
 - (iii) Title 40 CFR §§ 63.148(g)(2), (h)(2), (i)(1) - (2), (i)(4)(i) - (viii), (i)(5), and 63.152(a)(1) - (5), for recordkeeping requirements
 - (iv) Title 40 CFR §§ 63.148(j), 63.151(a)(6)(i) - (iii), (b)(1) - (2), (j)(1) - (3), 63.152(a)(1) - (5), (b), (b)(1)(i) - (ii), and (b)(4), for reporting requirements
 - B. For closed vent system or vapor collection systems constructed of hard piping:
 - (i) Title 40 CFR § 63.148(b)(1)(ii) (relating to Leak Inspection Provisions), for monitoring and testing requirements
 - (ii) Title 40 CFR § 63.148(i)(6) (relating to Leak Inspection Provisions), for recordkeeping requirements
10. For miscellaneous chemical process facilities subject to maintenance wastewater requirements as specified in 40 CFR § 63.2485, Table 7, the permit holder shall comply with the requirements of 40 CFR § 63.105 (relating to Maintenance Wastewater Requirements) (Title 30 TAC Chapter 113, Subchapter C, § 113.890 incorporated by reference).
11. For site remediation projects subject to 40 CFR Part 63, Subpart GGGGG that are completed within 30 consecutive calendar days the permit holder shall comply with 40 CFR § 63.7884(b), (b)(1) - (3) (Title 30 TAC, Subchapter C, § 113.1160 incorporated by reference).
12. The permit holder shall comply with certified registrations submitted to the TCEQ for purposes of establishing federally enforceable emission limits. A copy of the certified registration shall be maintained with the permit. Records sufficient to demonstrate compliance with the established limits shall be maintained. The certified registration and records demonstrating compliance shall be provided, on request, to representatives of the appropriate TCEQ regional office and any local air pollution control agency having jurisdiction over the site. The permit holder shall submit updated certified registrations when changes at the site require establishment of new emission limits. If changes result in emissions that do not remain below major source thresholds, the permit holder shall submit a revision application to codify the appropriate requirements in the permit.
13. The C4 permit area does not operate any flares. Thus, there are no flares identified in either the Applicable Requirements Summary table, nor in the Permit Shield table of the permit. Vent streams from this area are sent to flares located in and operated by the U3 - HCC-3 Olefin permit

area (Permit O1979). The associated flares are Unit IDs OL170FL1, OL170FL2, OL233FL1, and OL233FL2.

New Source Review Authorization Requirements

14. Permit holder shall comply with the requirements of New Source Review authorizations issued or claimed by the permit holder for the permitted area, including permits, permits by rule (including the terms, conditions, monitoring, recordkeeping, and reporting identified in registered PBRs and permits by rule identified in the PBR Supplemental Tables dated May 17, 2024 in the application for project 36655), standard permits, flexible permits, special permits, permits for existing facilities including Voluntary Emissions Reduction Permits and Electric Generating Facility Permits issued under 30 TAC Chapter 116, Subchapter I, or special exemptions referenced in the New Source Review Authorization References attachment. These requirements:
 - A. Are incorporated by reference into this permit as applicable requirements
 - B. Shall be located with this operating permit
 - C. Are not eligible for a permit shield
15. The permit holder shall comply with the general requirements of 30 TAC Chapter 106, Subchapter A or the general requirements, if any, in effect at the time of the claim of any PBR.
16. The permit holder shall maintain records to demonstrate compliance with any emission limitation or standard that is specified in a permit by rule (PBR) or Standard Permit listed in the New Source Review Authorizations attachment. The records shall yield reliable data from the relevant time period that are representative of the emission unit's compliance with the PBR or Standard Permit. These records may include, but are not limited to, production capacity and throughput, hours of operation, safety data sheets (SDS), chemical composition of raw materials, speciation of air contaminant data, engineering calculations, maintenance records, fugitive data, performance tests, capture/control device efficiencies, direct pollutant monitoring (CEMS, COMS, or PEMS), or control device parametric monitoring. These records shall be made readily accessible and available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).
17. The permit holder shall comply with the following requirements for Air Quality Standard Permits:
 - A. Registration requirements listed in 30 TAC § 116.611, unless otherwise provided for in an Air Quality Standard Permit
 - B. General Conditions listed in 30 TAC § 116.615, unless otherwise provided for in an Air Quality Standard Permit
 - C. Requirements of the non-rule Air Quality Standard Permit for Pollution Control Projects

Compliance Requirements

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

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

Risk Management Plan

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

Permit Location

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

Permit Shield (30 TAC § 122.148)

22. A permit shield is granted for the emission units, groups, or processes specified in the attached "Permit Shield." Compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirements or specified potentially applicable state-only requirements listed in the attachment "Permit Shield." Permit shield provisions shall not be modified by the executive director until notification is provided to the permit holder. No later than 90 days after notification of a change in a determination made by the executive director, the

permit holder shall apply for the appropriate permit revision to reflect the new determination. Provisional terms are not eligible for this permit shield. Any term or condition, under a permit shield, shall not be protected by the permit shield if it is replaced by a provisional term or condition or the basis of the term and condition changes.

Attachments

Applicable Requirements Summary

Permit Shield

New Source Review Authorization References

Alternative Requirement

Applicable Requirements Summary

Unit Summary	13
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Applicable Requirements Summary	17
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Note: A “none” entry may be noted for some emission sources in this permit’s “Applicable Requirements Summary” under the heading of “Monitoring and Testing Requirements” and/or “Recordkeeping Requirements” and/or “Reporting Requirements.” Such a notation indicates that there are no requirements for the indicated emission source as identified under the respective column heading(s) for the stated portion of the regulation when the emission source is operating under the conditions of the specified SOP Index Number. However, other relevant requirements pursuant to 30 TAC Chapter 122 including Recordkeeping Terms and Conditions (30 TAC § 122.144), Reporting Terms and Conditions (30 TAC § 122.145), and Compliance Certification Terms and Conditions (30 TAC § 122.146) continue to apply.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP034FG1	FUGITIVE EMISSION UNITS	N/A	63H-0001	40 CFR Part 63, Subpart H	No changing attributes.
EP034R101	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-0001	40 CFR Part 63, Subpart G	No changing attributes.
EP034T501A	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP034T501B	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP034T501C	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP034T505A	STORAGE TANKS/VESSELS	N/A	63G-0018	40 CFR Part 63, Subpart G	No changing attributes.
EP034T505B	STORAGE TANKS/VESSELS	N/A	63G-0018	40 CFR Part 63, Subpart G	No changing attributes.
EP034T506	STORAGE TANKS/VESSELS	N/A	63G-0018	40 CFR Part 63, Subpart G	No changing attributes.
EP034T511	STORAGE TANKS/VESSELS	N/A	61FF-0001	40 CFR Part 61, Subpart FF	Fuel Gas System = Gaseous emissions from the tank or enclosure are routed to a fuel gas system.
EP034T511	STORAGE TANKS/VESSELS	N/A	61FF-0002	40 CFR Part 61, Subpart FF	Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system., Closed Vent System and Control Device AMOC = Not using an alternate means of compliance, Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3)., Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device., Control Device Type/Operation = Flare

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP034T516	STORAGE TANKS/VESSELS	N/A	61FF-0001	40 CFR Part 61, Subpart FF	Fuel Gas System = Gaseous emissions from the tank or enclosure are routed to a fuel gas system.
EP034T516	STORAGE TANKS/VESSELS	N/A	61FF-0002	40 CFR Part 61, Subpart FF	Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system., Closed Vent System and Control Device AMOC = Not using an alternate means of compliance, Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3)., Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device., Control Device Type/Operation = Flare
EP034T517	STORAGE TANKS/VESSELS	N/A	61FF-0001	40 CFR Part 61, Subpart FF	Fuel Gas System = Gaseous emissions from the tank or enclosure are routed to a fuel gas system.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
EP034T517	STORAGE TANKS/VESSELS	N/A	61FF-0002	40 CFR Part 61, Subpart FF	Fuel Gas System = Gaseous emissions from the tank or enclosure are not routed to a fuel gas system., Closed Vent System and Control Device AMOC = Not using an alternate means of compliance, Cover and Closed Vent = The cover and closed vent system are not operated such that the tank is maintained at a pressure less than atmospheric pressure and meets the conditions of 40 CFR § 61.343(a)(1)(i)(C)(1)-(3)., Bypass Line = The closed vent system does not contain any by-pass line that could divert the vent stream away from the control device., Control Device Type/Operation = Flare
EP035R101	EMISSION POINTS/STATIONARY VENTS/PROCESS VENTS	N/A	63G-0001	40 CFR Part 63, Subpart G	No changing attributes.
EP035T501A	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP035T501B	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP035T501C	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP103T601	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP103T602	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP115T603	STORAGE TANKS/VESSELS	N/A	63G-0013	40 CFR Part 63, Subpart G	No changing attributes.
EP115T604	CHEMICAL MANUFACTURING PROCESS	N/A	63FFFF-0001	40 CFR Part 63, Subpart FFFF	No changing attributes.

Unit Summary

Unit/Group/ Process ID No.	Unit Type	Group/Inclusive Units	SOP Index No.	Regulation	Requirement Driver
PROHAC1	CHEMICAL MANUFACTURING PROCESS	N/A	63F-0001	40 CFR Part 63, Subpart F	No changing attributes.
PROHAC2	CHEMICAL MANUFACTURING PROCESS	N/A	63F-0002	40 CFR Part 63, Subpart F	No changing attributes.
PROHCLREC	PROCESS HEATERS/FURNACES	N/A	63EEE-0001	40 CFR Part 63, Subpart EEE	No changing attributes.
PROSTRIP	TREATMENT PROCESS	N/A	61FF-0001	40 CFR Part 61, Subpart FF	Fuel Gas System = All gaseous vent streams from the treatment process or wastewater treatment system are routed to a fuel gas system.
PROSTRIP	TREATMENT PROCESS	N/A	61FF-0002	40 CFR Part 61, Subpart FF	Closed-Vent System and Control Device = A closed-vent system and control device is used., AMOC = No alternate means of compliance (AMOC) to meet the requirements of 40 CFR § 61.349 for a closed-vent system and control device is used., By-Pass Line = The closed-vent system does not contain a by-pass line that could divert the vent stream away from the control device., Control Device Type/Operation = Flare., Fuel Gas System = Not all gaseous vent streams from the treatment process or wastewater treatment system are routed to a fuel gas system.

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief devices in liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.167 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Open-ended valves or lines. §63.167(a)-(e).	[G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.163 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.176	Standards: Pumps in light liquid service. §63.163(a)-(j)	[G]§ 63.163 [G]§ 63.176 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(3) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7) § 63.181(h)(8)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.165 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pressure relief device in gas/vapor service. §63.165(a)-(d)	[G]§ 63.165 [G]§ 63.180(b) [G]§ 63.180(c) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(f)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.166 § 63.162(a)	Standards: Sampling connection systems.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b)	[G]§ 63.182(a) [G]§ 63.182(b)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	§63.166(a)-(c)		§ 63.181(c) [G]§ 63.181(i)	§ 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Pumps in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Valves in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in heavy liquid service. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.168 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171 [G]§ 63.175	Standards: Valves in gas/vapor service and in light liquid service. §63.168(a)-(j)	[G]§ 63.168 [G]§ 63.175 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(h) [G]§ 63.181(h)(1) [G]§ 63.181(h)(2) § 63.181(h)(4) [G]§ 63.181(h)(5) § 63.181(h)(6) § 63.181(h)(7)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.169 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Instrumentation systems. §63.169(a)-(d)	[G]§ 63.169 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) [G]§ 63.181(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.170 § 63.162(a) § 63.162(c) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Surge control vessels and bottom receivers.	[G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.172(b) § 63.172(e) [G]§ 63.172(h) § 63.172(m)	Vapor recovery systems shall be designed and operated to recover the organic HAP emissions or VOC emissions vented to them with an efficiency of 95 percent or greater.	§ 63.172(e) [G]§ 63.172(h) [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i) § 63.181(g)(1)(ii) § 63.181(g)(1)(iv) [G]§ 63.181(g)(2)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	[G]§ 63.174 § 63.162(a) § 63.162(c) [G]§ 63.162(f) [G]§ 63.162(g) § 63.162(h) [G]§ 63.171	Standards: Connectors in gas/vapor service and in light liquid service. §63.174(a)-(j)	[G]§ 63.174 [G]§ 63.180(b) [G]§ 63.180(d)	§ 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)
EP034FG1	EU	63H-0001	112(B) HAPS	40 CFR Part 63, Subpart H	§ 63.172(a) [G]§ 63.172(h) § 63.172(i) § 63.172(m)	Owners/operators of closed-vent systems and control devices used to comply with provisions of this subpart shall comply with the provisions of this section, except as provided in §63.162(b).	[G]§ 63.172(f)(1) [G]§ 63.172(f)(2) § 63.172(g) [G]§ 63.172(h) [G]§ 63.172(k) [G]§ 63.172(l) [G]§ 63.180(b) [G]§ 63.180(d)	[G]§ 63.172(k) [G]§ 63.172(l) § 63.181(a) [G]§ 63.181(b) § 63.181(c) [G]§ 63.181(d) § 63.181(g) § 63.181(g)(1)(i)	[G]§ 63.182(a) [G]§ 63.182(b) § 63.182(c) [G]§ 63.182(c)(1) § 63.182(c)(4) [G]§ 63.182(d)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
								§ 63.181(g)(1)(ii) [G]§ 63.181(g)(2) [G]§ 63.181(g)(3)	
EP034R101	EP	63G-0001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(d) [G]§ 63.115(f)	Group 2 process with specified criteria shall maintain a TRE index value >1 and shall comply with specified sections.	§ 63.114(b) § 63.114(b)(1) § 63.114(e) [G]§ 63.115(a) [G]§ 63.115(b) [G]§ 63.115(c) [G]§ 63.115(d) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.114(b) § 63.114(b)(1) [G]§ 63.117(a)(7) § 63.117(a)(8) [G]§ 63.152(a)	§ 63.114(e) § 63.115(e)(2) [G]§ 63.117(a)(7) § 63.117(a)(8) § 63.118(f)(1) [G]§ 63.118(g) [G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(g) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii) [G]§ 63.152(c)(6)
EP034T501A	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2) [G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.	None	§ 63.123(a) [G]§ 63.123(h) [G]§ 63.152(a)	§ 63.120(f) § 63.122(c)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
									§ 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
EP034T501B	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2) [G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.	None	§ 63.123(a) [G]§ 63.123(h) [G]§ 63.152(a)	§ 63.120(f) § 63.122(c)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
EP034T501C	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2) [G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.	None	§ 63.123(a) [G]§ 63.123(h) [G]§ 63.152(a)	§ 63.120(f) § 63.122(c)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
EP034T505A	EU	63G-0018	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
EP034T505B	EU	63G-0018	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as	None	§ 63.123(a)	§ 63.152(c)(4)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
						prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.			
EP034T506	EU	63G-0018	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(a)(3)	Group 2 tanks not using emissions averaging as prescribed by §63.150 shall use record keeping methods in §63.123(a). Not required to comply with §63.119 to §63.123.	None	§ 63.123(a)	§ 63.152(c)(4)(iii)
EP034T511	EU	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c)	§ 61.356(d) § 61.356(g)	None
EP034T511	EU	61FF-0002	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 60.18 § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
EP034T516	EU	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that	§ 61.343(a)(1)(i)(A) § 61.343(c)	§ 61.356(d) § 61.356(g)	None

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 61.343(c) § 61.343(d)	routes all organic vapors vented from the tank to a control device.			
EP034T516	EU	61FF-0002	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 60.18 § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)
EP034T517	EU	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 61.340(d) § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c)	§ 61.356(d) § 61.356(g)	None
EP034T517	EU	61FF-0002	Benzene	40 CFR Part 61, Subpart FF	§ 61.343(a)(1) § 60.18 § 61.343(a)(1)(i)(A) § 61.343(a)(1)(i)(B) § 61.343(c) § 61.343(d) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall install, operate, and maintain a fixed-roof and closed-vent system that routes all organic vapors vented from the tank to a control device.	§ 61.343(a)(1)(i)(A) § 61.343(c) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(d) § 61.356(f) § 61.356(f)(1) § 61.356(g) § 61.356(h) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP035R101	EP	63G-0001	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.113(d) [G]§ 63.115(f)	Group 2 process with specified criteria shall maintain a TRE index value >1 and shall comply with specified sections.	§ 63.114(b) § 63.114(b)(1) § 63.114(e) [G]§ 63.115(a) [G]§ 63.115(b) [G]§ 63.115(c) [G]§ 63.115(d) § 63.115(e) § 63.115(e)(1) [G]§ 63.115(f)	§ 63.114(b) § 63.114(b)(1) [G]§ 63.117(a)(7) § 63.117(a)(8) [G]§ 63.152(a)	§ 63.114(e) § 63.115(e)(2) [G]§ 63.117(a)(7) § 63.117(a)(8) § 63.118(f)(1) [G]§ 63.118(g) [G]§ 63.118(k) [G]§ 63.151(b) § 63.151(e) [G]§ 63.151(e)(1) § 63.151(e)(3) [G]§ 63.151(g) § 63.151(h) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) [G]§ 63.152(b)(2) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(2)(i) [G]§ 63.152(c)(2)(ii) § 63.152(c)(2)(iii) § 63.152(c)(4)(i) § 63.152(c)(4)(ii) § 63.152(c)(4)(iii) [G]§ 63.152(c)(6)
EP035T501A	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2) [G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.	None	§ 63.123(a) [G]§ 63.123(h) [G]§ 63.152(a)	§ 63.120(f) § 63.122(c)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
EP035T501B	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2) [G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.	None	§ 63.123(a) [G]§ 63.123(h) [G]§ 63.152(a)	§ 63.120(f) § 63.122(c)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
EP035T501C	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2) [G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.	None	§ 63.123(a) [G]§ 63.123(h) [G]§ 63.152(a)	§ 63.120(f) § 63.122(c)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
EP103T601	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2) [G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.	None	§ 63.123(a) [G]§ 63.123(h) [G]§ 63.152(a)	§ 63.120(f) § 63.122(c)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
EP103T602	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2)	Owner or operator who routes emissions to a fuel	None	§ 63.123(a) [G]§ 63.123(h)	§ 63.120(f) § 63.122(c)(3)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.		[G]§ 63.152(a)	§ 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
EP115T603	EU	63G-0013	112(B) HAPS	40 CFR Part 63, Subpart G	§ 63.119(f) § 63.119(a)(2) [G]§ 63.119(f)(1) [G]§ 63.119(f)(3)	Owner or operator who routes emissions to a fuel gas system or to a process, as defined in §63.111, to comply with §63.119(a)(1), or (a)(2) shall comply with §63.119(f)(1)-(3) as applicable.	None	§ 63.123(a) [G]§ 63.123(h) [G]§ 63.152(a)	§ 63.120(f) § 63.122(c)(3) § 63.151(a)(7) [G]§ 63.151(b) [G]§ 63.151(j) [G]§ 63.152(a) § 63.152(b) [G]§ 63.152(b)(1) § 63.152(b)(4) § 63.152(c)(1) § 63.152(c)(2) § 63.152(c)(4)(ii)
EP115T604	EP	63FFFF-0001	112(B) HAPS	40 CFR Part 63, Subpart FFFF	§ 63.2460(a) § 63.2450(b) § 63.2460(b)	You must meet each emission limit in Table 2 to this subpart that applies to you, and you must meet each applicable requirement specified in §63.2460(b) and (c).	[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)(7)	§ 63.2460(b)(6) § 63.2460(b)(6)(i) § 63.2460(b)(6)(ii) § 63.2460(b)(7)
PROHAC1	PRO	63F-0001	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.104(e)(2) § 63.105(d)				
PROHAC2	PRO	63F-0002	112(B) HAPS	40 CFR Part 63, Subpart F	§ 63.100(b) [G]§ 63.102(a) [G]§ 63.102(c) § 63.104(a) [G]§ 63.104(d) § 63.104(e) § 63.104(e)(1) [G]§ 63.104(e)(2) § 63.105(d)	Except as provided in paragraphs (b)(4) and (c) of this section, the provisions of subparts F, G, and H apply to chemical manufacturing process units that meet the criteria.	§ 63.103(b)(1) § 63.103(b)(3) § 63.103(b)(4) [G]§ 63.103(b)(5) § 63.103(b)(6) [G]§ 63.104(b)	[G]§ 63.103(c) [G]§ 63.104(e)(2) [G]§ 63.104(f)(1) [G]§ 63.105(b) § 63.105(c) § 63.105(e)	§ 63.103(b)(2) [G]§ 63.103(b)(5) [G]§ 63.103(d) [G]§ 63.104(f)(2)
PROHCLREC	EU	63EEE-0001	Ar, Be and Cr	40 CFR Part 63, Subpart EEE	§ 63.1218(a)(4) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i)	For existing HCl production furnaces, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain, for arsenic, beryllium, and chromium, except for an area source as defined under § 63.2, hydrogen chloride and chlorine gas emissions in excess of the levels provided by paragraph § 63.1218(a)(6).	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(iii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1209(n) § 63.1209(n)(1) [G]§ 63.1209(n)(5) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1218(d)		§ 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1208(b)(4) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(A) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
PROHCLREC	EU	63EEE-0001	Cd and Pb	40 CFR Part 63, Subpart EEE	§ 63.1218(a)(3) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5)	For existing HCl production furnaces, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain, for lead and cadmium, except for an	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(n) § 63.1209(n)(1) [G]§ 63.1209(n)(5) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1218(d)	area source as defined under § 63.2, hydrogen chloride and chlorine gas emissions in excess of the levels provided by § 63.1218(a)(6).	[G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(iii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1208(b)(3) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5)	[G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(A) [G]§ 63.1210(a)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		[G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
PROHCLREC	EU	63EEE-0001	Dioxins/Furans	40 CFR Part 63, Subpart EEE	§ 63.1218(a)(1) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(l)(2) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(k) § 63.1209(k)(1)(i)	For existing HCl production furnaces, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain, for dioxins and furans, CO emissions in excess of the limits provided by paragraph § 63.1218(a)(5).	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) [G]§ 63.1207(b)(2) [G]§ 63.1207(b)(3) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(iii)(A) § 63.1207(f)(1)(ii)(B) [G]§ 63.1207(f)(1)(iii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) [G]§ 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) § 63.1209(k)(2)(i) [G]§ 63.1209(k)(3) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xix) § 63.1207(f)(1)(xv) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) [G]§ 63.1207(f)(1)(xx) [G]§ 63.1207(f)(1)(xxi) § 63.1207(f)(1)(xxii) § 63.1207(f)(1)(xxvii)

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					§ 63.1209(k)(2)(i) § 63.1209(k)(2)(ii) [G]§ 63.1209(k)(3) [G]§ 63.1209(k)(4) § 63.1209(k)(5) [G]§ 63.1209(k)(6) [G]§ 63.1209(k)(7) [G]§ 63.1209(k)(8) [G]§ 63.1209(k)(9) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1218(a)(5)(i) § 63.1218(d)		§ 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(A) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(ii) § 63.1207(g)(2)(v) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(2) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)		§ 63.1207(f)(2)(ii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(2) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
PROHCLREC	EU	63EEE-0001	Mercury	40 CFR Part 63, Subpart EEE	§ 63.1218(a)(2) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3)	For existing HCl production furnaces, you must not discharge or cause to be emitted into the atmosphere combustion gases that	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1218(d)	contain, for Hg, hydrogen chloride and chlorine gas emissions in excess of the levels provided by paragraph § 63.1218(a)(6).	§ 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(iii)(A) § 63.1207(f)(1)(iii)(B) § 63.1207(f)(1)(iii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1208(b)(2) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4)	[G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	[G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(1)(xxviii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) § 63.1209(g)(1)(iv)(B) [G]§ 63.1210(a)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		[G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
PROHCLREC	EU	63EEE-0001	PM	40 CFR Part 63, Subpart EEE	§ 63.1218(a)(7) [G]§ 63.1206(b)(5) § 63.1206(b)(8)(v) § 63.1206(b)(8)(vi) § 63.1206(b)(8)(vii) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i)	For existing HCl production furnaces, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain, for particulate matter, except for an area source as defined under §63.2, hydrogen chloride and chlorine gas emissions in excess of the levels provided by §63.1218(a)(6).	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(8)(iii) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(8)(iii) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxiii) [G]§ 63.1207(f)(1)(xxiv) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(iv) § 63.1207(f)(2)(ix)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1209(m) [G]§ 63.1209(m)(1)(i) [G]§ 63.1209(m)(1)(iv) [G]§ 63.1209(m)(2) § 63.1209(n)(3) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1218(d)		§ 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(i)(C) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(iv) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(6) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(1)(iii) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) [G]§ 63.1209(m)(1)(i) [G]§ 63.1209(m)(1)(iv) [G]§ 63.1209(m)(2) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
PROHCLREC	EU	63EEE-0001	Principal Organic Hazardous Constituent	40 CFR Part 63, Subpart EEE	§ 63.1218(c)(1) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2)	For HCl production furnaces, except as provided in §63.1218(c)(2), you must achieve a DRE of	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) § 63.1206(b)(7)(iii) [G]§ 63.1206(c)(3)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) [G]§ 63.1209(j) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1218(c)(3)(i) § 63.1218(c)(3)(ii)	99.99% for each POHC designated under paragraph §63.1218(c)(3). You must calculate SRE for each POHC from the equation in §63.1218(c)(1).	§ 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(iii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) § 63.1207(f)(1)(ii)(D) § 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4)	[G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	[G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) § 63.1207(f)(1)(ii)(D) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xix) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xviii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a)

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Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							[G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) [G]§ 63.1209(j) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		[G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
PROHCLREC	EU	63EEE-0001	Total Chlorine	40 CFR Part 63, Subpart EEE	§ 63.1218(a)(6)(ii) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) § 63.1207(m)(3) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i)	For existing HCl production furnaces, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain emissions greater than the levels that would be emitted if the source is achieving a system removal efficiency (SRE) of less than 99.923 % for total chlorine and chloride fed to the combustor. You must calculate SRE from the equation in §63.1218(a)(6)(ii).	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1) § 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(iii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(iii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(1)(xii)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(iii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(iii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) [G]§ 63.1207(m)(2) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(iii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(iii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xi) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xvi) § 63.1207(f)(1)(xvii) § 63.1207(f)(1)(xxv) § 63.1207(f)(1)(xxvi) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(iii)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					§ 63.1209(n)(4) § 63.1209(o) § 63.1209(o)(1)(i) [G]§ 63.1209(o)(2) [G]§ 63.1209(o)(3) § 63.1209(o)(4) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1218(d)		§ 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(iii) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) [G]§ 63.1207(m)(1) [G]§ 63.1207(m)(2) [G]§ 63.1208(b)(5)(i) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(5) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3) § 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) § 63.1209(c)(5) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1207(m)(5) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i) § 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
PROHCLREC	EU	63EEE-0001	Total Hydrocarbons/CO	40 CFR Part 63, Subpart EEE	§ 63.1218(a)(5)(i) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4)	For existing HCl production furnaces, you must not discharge or cause to be emitted into the atmosphere combustion gases that contain CO in excess of 100	[G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(b)(6) [G]§ 63.1206(c)(3) § 63.1207(a) § 63.1207(b)(1)	§ 63.1206(b)(11) [G]§ 63.1206(b)(12) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(1) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3)	§ 63.1206(b)(11) [G]§ 63.1206(b)(5) [G]§ 63.1206(c)(2) [G]§ 63.1206(c)(3) [G]§ 63.1206(c)(4) [G]§ 63.1207(e)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
					[G]§ 63.1206(c)(5) § 63.1206(c)(6)(i) § 63.1206(c)(6)(ii) [G]§ 63.1206(c)(6)(iv) [G]§ 63.1206(c)(6)(v) [G]§ 63.1206(c)(6)(vi) [G]§ 63.1206(c)(7) § 63.1207(g)(1)(iii)(A) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1209(c)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(d) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1211(c)(1) § 63.1211(c)(2) § 63.1211(c)(4) § 63.1218(d)	ppmv, over an hourly rolling average (monitored continuously with a CEMs), dry basis and corrected to 7 % 02. If complying with this CO standard rather than the hydrocarbon standard under §63.1218(a)(5)(ii), you must also document as specified.	§ 63.1207(c)(1) [G]§ 63.1207(c)(2) [G]§ 63.1207(d) [G]§ 63.1207(e) [G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(g) § 63.1207(g)(1)(ii) § 63.1207(g)(2)(i) § 63.1207(g)(2)(v) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(l)(1) § 63.1208(b)(7) § 63.1208(b)(8) § 63.1209(a)(1)(i) § 63.1209(a)(2) [G]§ 63.1209(a)(3) [G]§ 63.1209(a)(6) § 63.1209(a)(7) § 63.1209(b)(1) [G]§ 63.1209(b)(2) § 63.1209(b)(3)	[G]§ 63.1206(c)(4) [G]§ 63.1206(c)(5) § 63.1206(c)(6)(vii) [G]§ 63.1206(c)(7) § 63.1207(f)(1)(xii) § 63.1207(g)(1)(iii)(A) § 63.1209(b)(1) [G]§ 63.1209(c)(2) [G]§ 63.1209(c)(4) [G]§ 63.1209(q) § 63.1211(b) [G]§ 63.1211(c)(3) [G]§ 63.1211(d)	[G]§ 63.1207(f)(1)(i) § 63.1207(f)(1)(ii) § 63.1207(f)(1)(ii)(A) § 63.1207(f)(1)(ii)(B) § 63.1207(f)(1)(ii)(C) [G]§ 63.1207(f)(1)(iii) § 63.1207(f)(1)(iv) § 63.1207(f)(1)(ix) § 63.1207(f)(1)(v) § 63.1207(f)(1)(vi) § 63.1207(f)(1)(vii) § 63.1207(f)(1)(viii) § 63.1207(f)(1)(xii) § 63.1207(f)(1)(xxvii) § 63.1207(f)(2)(i) § 63.1207(f)(2)(ix) § 63.1207(f)(2)(v) § 63.1207(f)(2)(vi) § 63.1207(f)(2)(vii) § 63.1207(f)(2)(viii) § 63.1207(f)(2)(x) [G]§ 63.1207(h) [G]§ 63.1207(i) [G]§ 63.1207(j)(1) § 63.1207(j)(3) § 63.1207(j)(4) § 63.1207(j)(5) [G]§ 63.1207(k) [G]§ 63.1207(l)(1) § 63.1207(l)(3) § 63.1209(c)(3) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) [G]§ 63.1209(g)(1)(iii) [G]§ 63.1210(a) [G]§ 63.1210(b)(1) § 63.1210(b)(2) § 63.1210(b)(3)(i) § 63.1210(c)(1)(i)

Applicable Requirements Summary

Unit Group Process ID No.	Unit Group Process Type	SOP Index No.	Pollutant	State Rule or Federal Regulation Name	Emission Limitation, Standard or Equipment Specification Citation	Textual Description (See Special Term and Condition 1.B.)	Monitoring And Testing Requirements	Recordkeeping Requirements (30 TAC § 122.144)	Reporting Requirements (30 TAC § 122.145)
							§ 63.1209(b)(4) [G]§ 63.1209(b)(5) [G]§ 63.1209(c)(4) [G]§ 63.1209(d) [G]§ 63.1209(f) § 63.1209(g)(1)(i) § 63.1209(g)(1)(ii) § 63.1209(i) § 63.1209(p) [G]§ 63.1209(q) § 63.1209(r)		§ 63.1210(c)(2) [G]§ 63.1210(c)(3) [G]§ 63.1210(c)(4) [G]§ 63.1210(d) § 63.1211(a) [G]§ 63.1211(c)(3) [G]§ 63.1211(d) § 63.1212(a)
PROSTRIP	PRO	61FF-0001	Benzene	40 CFR Part 61, Subpart FF	§ 61.348(a)(1) § 61.340(d) § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f)	The owner or operator shall design, install, operate and maintain a treatment process that removes or destroys benzene as specified.	§ 61.348(f) § 61.354(a)(1)	§ 61.356(e) § 61.356(e)(1) § 61.356(e)(2) [G]§ 61.356(i)	§ 61.357(d)(7) § 61.357(d)(7)(i)
PROSTRIP	PRO	61FF-0002	Benzene	40 CFR Part 61, Subpart FF	§ 61.348(a)(1) § 60.18 § 61.348(a)(1)(i) § 61.348(a)(2) § 61.348(a)(3) § 61.348(a)(4) § 61.348(f) § 61.349(a) § 61.349(a)(1)(i) § 61.349(a)(1)(iii) § 61.349(a)(1)(iv) § 61.349(b) § 61.349(e) § 61.349(f) § 61.349(g)	The owner or operator shall design, install, operate and maintain a treatment process that removes or destroys benzene as specified.	§ 60.18(f)(2) § 61.348(f) § 61.349(a)(1)(i) § 61.349(e) § 61.349(f) § 61.354(a)(1) § 61.354(c) § 61.354(c)(3) [G]§ 61.355(h)	§ 61.354(c) § 61.354(c)(3) § 61.356(e) § 61.356(e)(1) § 61.356(e)(2) § 61.356(f) § 61.356(f)(1) § 61.356(h) [G]§ 61.356(i) § 61.356(j) § 61.356(j)(1) § 61.356(j)(2) § 61.356(j)(3) § 61.356(j)(7)	§ 61.357(d)(7) § 61.357(d)(7)(i) § 61.357(d)(7)(iv) § 61.357(d)(7)(iv)(F)

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP034D101	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP034D101	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP034D201	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP034D201	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP034D301	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP034D301	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP034D302	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP034D302	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP034D303	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP034D303	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP034FG1	N/A	40 CFR Part 60, Subpart VV	Unit is not constructed, modified, or reconstructed after 01/05/1981.
EP034FG1	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service.
EP034FG1	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in volatile hazardous air pollutant (VHAP) service.
EP034FG2	N/A	40 CFR Part 60, Subpart VV	Unit is not constructed, modified, or reconstructed after 01/05/1981.
EP034FG2	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service.
EP034FG2	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in volatile hazardous air pollutant (VHAP) service.
EP034FG2	N/A	40 CFR Part 63, Subpart H	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP034R101	N/A	40 CFR Part 60, Subpart III	Facility is not an affected facility since it is not constructed, modified, or reconstructed after 10/21/1983.
EP034R101	N/A	40 CFR Part 60, Subpart RRR	Facility is not an affected facility since it is not constructed, modified, or reconstructed after 06/29/1990.
EP034R102	N/A	40 CFR Part 60, Subpart III	Facility is not an affected facility since it is not constructed, modified, or reconstructed after 10/21/1983.
EP034R102	N/A	40 CFR Part 60, Subpart RRR	Facility is not an affected facility since it is not constructed, modified, or reconstructed after 06/29/1990.
EP034R102	N/A	40 CFR Part 63, Subpart G	Unit does not include a process vent that is subject to 63.107.
EP034T501A	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034T501A	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034T501A	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T501A	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T501A	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T501B	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034T501B	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034T501B	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T501B	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T501B	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T501C	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034T501C	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP034T501C	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T501C	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T501C	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T502	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034T502	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034T502	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T502	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T502	N/A	40 CFR Part 63, Subpart G	Surge control vessel unit does not meet definition of storage vessels per 63.101(b) and surge control vessel unit is part of a HON CMPU subject to 63.170.
EP034T502	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T504	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034T504	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034T504	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T504	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T504	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T505A	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034T505A	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034T505A	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP034T505A	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T505A	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T505B	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034T505B	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034T505B	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T505B	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T505B	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T506	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034T506	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034T506	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T506	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T506	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T511	N/A	40 CFR Part 60, Subpart Ka	Unit does not store petroleum liquid.
EP034T511	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T511	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T511	N/A	40 CFR Part 63, Subpart G	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP034T511	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T516	N/A	40 CFR Part 60, Subpart Ka	Unit does not store petroleum liquid.

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP034T516	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T516	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T516	N/A	40 CFR Part 63, Subpart G	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP034T516	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034T517	N/A	40 CFR Part 60, Subpart Ka	Unit does not store petroleum liquid.
EP034T517	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034T517	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034T517	N/A	40 CFR Part 63, Subpart G	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP034T517	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034TLCP1	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034TLCP1	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034TLCP1	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP034TLCP1	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034TLCP1	N/A	40 CFR Part 63, Subpart G	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP034TLCP1	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034TSCP1	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP034TSCP1	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP034TSCP1	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP034TSCP1	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP034TSCP1	N/A	40 CFR Part 63, Subpart G	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP034TSCP1	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP034WW1	N/A	40 CFR Part 63, Subpart FFFF	Unit is an affected source under 40 CFR 63, Subpart G [STC-8].
EP034WW2	N/A	40 CFR Part 63, Subpart FFFF	Unit is not part of an affected miscellaneous organic chemical manufacturing process (MCPU).
EP034WW2	N/A	40 CFR Part 63, Subpart G	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP035D101	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP035D101	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP035D201	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP035D201	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP035D301	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP035D301	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP035D302	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP035D302	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP035D303	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP035D303	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP035D305	N/A	40 CFR Part 60, Subpart NNN	Unit is not constructed, modified, or reconstructed after 12/30/1983.
EP035D305	N/A	40 CFR Part 63, Subpart G	Unit is not a process vent but is a gas stream going to a fuel gas system as defined in section 63.101.
EP035FG2	N/A	40 CFR Part 60, Subpart VV	Facility is not an affected facility in the synthetic organic chemicals manufacturing industry (SOCMI).
EP035FG2	N/A	40 CFR Part 61, Subpart J	Facility does not have sources in benzene service.
EP035FG2	N/A	40 CFR Part 61, Subpart V	Facility does not have sources in volatile hazardous air pollutant (VHAP) service.
EP035FG2	N/A	40 CFR Part 63, Subpart H	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP035R101	N/A	40 CFR Part 60, Subpart III	Facility is not an affected facility since it is not constructed, modified, or reconstructed after 10/21/1983.
EP035R101	N/A	40 CFR Part 60, Subpart RRR	Facility is not an affected facility since it is not constructed, modified, or reconstructed after 06/29/1990.
EP035R102	N/A	40 CFR Part 60, Subpart III	Facility is not an affected facility since it is not constructed, modified, or reconstructed after 10/21/1983.
EP035R102	N/A	40 CFR Part 60, Subpart RRR	Facility is not an affected facility since it is not constructed, modified, or reconstructed after 06/29/1990.
EP035R102	N/A	40 CFR Part 63, Subpart G	Unit does not include a process vent that is subject to 63.107.
EP035R701	N/A	40 CFR Part 60, Subpart III	Process unit does not produce any chemical listed in section 60.617.
EP035R701	N/A	40 CFR Part 60, Subpart RRR	Process unit does not produce any chemical listed in section 60.707.
EP035R701	N/A	40 CFR Part 63, Subpart FFFF	Continuous process vent is not part of an affected miscellaneous organic chemical manufacturing process unit (MCPU) since source is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP035R701	N/A	40 CFR Part 63, Subpart G	Unit does not include a process vent that is subject to 63.107.
EP035R701	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP035T501A	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035T501A	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035T501A	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP035T501A	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP035T501A	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035T501B	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035T501B	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035T501B	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP035T501B	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP035T501B	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035T501C	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035T501C	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035T501C	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP035T501C	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP035T501C	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035T502	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035T502	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035T502	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP035T502	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP035T502	N/A	40 CFR Part 63, Subpart G	Surge control vessel unit does not meet definition of storage vessels per 63.101(b) and surge control vessel unit is part of a HON CMPU subject to 63.170.
EP035T502	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035T503	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035T503	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035T503	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP035T503	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP035T503	N/A	40 CFR Part 63, Subpart G	Surge control vessel unit does not meet definition of storage vessels per 63.101(b) and surge control vessel unit is part of a HON CMPU subject to 63.170.
EP035T503	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035T504	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035T504	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035T504	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP035T504	N/A	40 CFR Part 63, Subpart FFFF	Unit is an affected source under 40 CFR 63, Subpart G [PROHAC1].
EP035T504	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035T512	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035T512	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035T512	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP035T512	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP035T512	N/A	40 CFR Part 63, Subpart G	Surge control vessel unit does not meet definition of storage vessels per 63.101(b) and surge control vessel unit is part of a HON CMPU subject to 63.170.
EP035T512	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035TLCP2	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035TLCP2	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035TLCP2	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP035TLCP2	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP035TLCP2	N/A	40 CFR Part 63, Subpart G	Unit is not part of a HON regulated chemical manufacturing process unit (CMPU).
EP035TLCP2	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035TSCP2	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP035TSCP2	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP035TSCP2	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP035TSCP2	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP035TSCP2	N/A	40 CFR Part 63, Subpart G	Surge control vessel unit does not meet definition of storage vessels per 63.101(b) and surge control vessel unit is part of a HON CMPU subject to 63.170.
EP035TSCP2	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP035WW1	N/A	40 CFR Part 63, Subpart FFFF	Unit is an affected source under 40 CFR 63, Subpart G [STC-8].
EP035WW2	N/A	40 CFR Part 63, Subpart FFFF	Unit is an affected source under 40 CFR 63, Subpart G [STC-8].

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP103T601	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP103T601	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP103T601	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP103T601	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP103T601	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP103T602	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP103T602	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP103T602	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP103T602	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP103T602	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP115T603	N/A	40 CFR Part 60, Subpart K	Unit does not store petroleum liquid.
EP115T603	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP115T603	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP115T603	N/A	40 CFR Part 63, Subpart FFFF	Unit is not a part of an affected miscellaneous organic chemical manufacturing process unit (MCPU).
EP115T603	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP115T608	N/A	40 CFR Part 60, Subpart Ka	Unit does not store petroleum liquid.
EP115T608	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP115T608	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP115T608	N/A	40 CFR Part 63, Subpart FFFF	Unit is an affected source under 40 CFR 63, Subpart G [PROHAC1/PROHAC2].

Permit Shield

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

Unit / Group / Process ID No.	Group / Inclusive Units	Regulation	Basis of Determination
EP115T608	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
EP115T609	N/A	40 CFR Part 60, Subpart Ka	Unit does not store petroleum liquid.
EP115T609	N/A	40 CFR Part 61, Subpart FF	Unit is not used to manage a benzene waste stream.
EP115T609	N/A	40 CFR Part 61, Subpart Y	Unit does not store refined or industrial grade benzene.
EP115T609	N/A	40 CFR Part 63, Subpart FFFF	Unit is an affected source under 40 CFR 63, Subpart G [PROHAC1/PROHAC2].
EP115T609	N/A	40 CFR Part 63, Subpart YY	Unit is not listed as a part of a source category in Table 1 to 63.1100(a).
PROHAC1	N/A	40 CFR Part 63, Subpart FFFF	The MCPU is an affected source or part of an affected source under another MACT standard.
PROHAC1	N/A	40 CFR Part 63, Subpart YY	Process is not listed as a source category in Table 1 to 63.1100(a).
PROHAC2	N/A	40 CFR Part 63, Subpart YY	Process is not listed as a source category in Table 1 to 63.1100(a).
PROHCLREC	N/A	40 CFR Part 63, Subpart DDDDD	Unit burns hazardous waste and is covered by 40 CFR 63, Subpart EEE.
PROHCLREC	N/A	40 CFR Part 63, Subpart F	Chemical manufacturing process unit does not manufacture as a primary product one or more of the chemicals listed in 63.100(b)(1)(i) or 63.100(b)(1)(ii).
PROSTRIP	N/A	40 CFR Part 63, Subpart F	Chemical manufacturing process unit does not manufacture as a primary product one or more of the chemicals listed in 63.100(b)(1)(i) or 63.100(b)(1)(ii).
PROWWTS	N/A	40 CFR Part 63, Subpart F	Chemical manufacturing process unit does not manufacture as a primary product one or more of the chemicals listed in 63.100(b)(1)(i) or 63.100(b)(1)(ii).

New Source Review Authorization References

New Source Review Authorization References	54
New Source Review Authorization References by Emission Unit	55

New Source Review Authorization References

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

Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 681	Issuance Date: 04/30/2019
Authorization No.: 48626	Issuance Date: 04/12/2018
Authorization No.: 84724	Issuance Date: 10/03/2024
Authorization No.: 161886	Issuance Date: 07/16/2020
Authorization No.: 170566	Issuance Date: 10/12/2022
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.261	Version No./Date: 11/01/2003
Number: 106.262	Version No./Date: 11/01/2003
Number: 106.264	Version No./Date: 09/04/2000
Number: 106.472	Version No./Date: 09/04/2000

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
EP034D101	HAC-1 COLUMN - FLASH TOWER (VIA E-202)	48626
EP034D201	HAC-1 CRUDE DISTILLATION COLUMN (VIA E-202)	48626
EP034D301	HAC-1 LOW BOILER REMOVAL COLUMN (VIA E-202)	48626
EP034D302	HAC-1 REFINING COLUMN (VIA E-202)	48626
EP034D303	HAC-1 SIDE STREAM COLUMN (VIA E-202)	48626
EP034FG1	HAC-1 AND HAC-2 EQUIPMENT LEAKS	48626, 106.261/11/01/2003 [125571], 106.262/11/01/2003 [125571]
EP034FG2	EQUIPMENT LEAKS - WASTEWATER TREATMENT SYSTEM	48626
EP034R101	HAC-1 OXIDATION REACTOR (VIA E-203)	48626
EP034R102	HAC-1 REACTOR	48626
EP034T501A	HAC-1 PRODUCT STORAGE TANK	48626
EP034T501B	HAC-1 PRODUCT STORAGE TANK	48626
EP034T501C	HAC-1 PRODUCT STORAGE TANK	48626
EP034T502	HAC-1 CRUDE PRODUCT STORAGE TANK	48626
EP034T504	HAC-1 HCL FEED TANK	48626
EP034T505A	CATALYST STORAGE TANK	48626
EP034T505B	CATALYST STORAGE TANK	48626
EP034T506	CATALYST STORAGE TANK	48626
EP034T511	WASTEWATER TREATMENT TANK	48626, 106.261/11/01/2003 [125571], 106.262/11/01/2003 [125571]
EP034T516	WASTEWATER TREATMENT MIX TANK	48626, 106.261/11/01/2003 [125571], 106.262/11/01/2003 [125571]
EP034T517	WASTEWATER TREATMENT TANK	48626, 106.261/11/01/2003 [125571], 106.262/11/01/2003 [125571]
EP034TLCP1	HAC-1 LARGE CATALYST BASIN	48626

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
EP034TSCP1	HAC-1 SMALL CATALYST BASIN	48626
EP034WW1	HAC-1 WASTEWATER	48626
EP034WW2	STRIPPER BASE WASTEWATER (E-507 BASE)	48626
EP035D101	HAC-2 COLUMN - FLASH TOWER	48626
EP035D201	HAC-2 CRUDE DISTILLATION COLUMN	48626
EP035D301	HAC-2 LOW BOILER REMOVAL COLUMN	48626
EP035D302	HAC-2 REFINING COLUMN	48626
EP035D303	HAC-2 SIDE STREAM COLUMN	48626
EP035D305	HCL CONCENTRATOR COLUMN	48626
EP035FG2	HCL RECOVERY UNIT EQUIPMENT LEAKS	681
EP035R101	HAC-2 OXIDATION REACTOR (VIA E-203)	48626
EP035R102	HAC-2 REACTOR	48626
EP035R701	HALOGEN ACID REACTOR	681
EP035T501A	HAC-2 PRODUCT STORAGE TANK	48626
EP035T501B	HAC-2 PRODUCT STORAGE TANK	48626
EP035T501C	HAC-2 PRODUCT STORAGE TANK	48626
EP035T502	HAC-2 CRUDE PRODUCT STORAGE TANK	48626
EP035T503	HCL CONCENTRATOR COLUMN FEED TANK	48626, 106.261/11/01/2003 [125571], 106.262/11/01/2003 [125571]
EP035T504	HAC-2 HCL FEED TANK	48626
EP035T512	HCL RECOVERY UNIT FEED TANK	48626, 106.261/11/01/2003 [125571], 106.262/11/01/2003 [125571]
EP035TLCP2	HAC-2 LARGE CATALYST BASIN	48626

New Source Review Authorization References by Emissions Unit

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

Unit/Group/Process ID No.	Emission Unit Name/Description	New Source Review Authorization**
EP035TSCP2	HAC-2 SMALL CATALYST BASIN	48626
EP035WW1	HAC-2 WASTEWATER	48626
EP035WW2	HCL RECOVERY UNIT WASTEWATER	681
EP103T601	HAC PRODUCT STORAGE SPHERE	48626
EP103T602	HAC PRODUCT STORAGE SPHERE	48626
EP115T603	HAC PRODUCT STORAGE SPHERE	48626
EP115T604	HCL DILUTION/MIX TANK (GRP 2 BATCH PROCESS VENT)	48626, 106.472/09/04/2000
EP115T608	HCL STORAGE TANK	48626, 106.472/09/04/2000
EP115T609	HCL STORAGE TANK	48626, 106.472/09/04/2000
PROHAC1	ACETALDEHYDE PLANT NO. 1 PROCESS	48626, 106.261/11/01/2003 [125571], 106.262/11/01/2003 [125571]
PROHAC2	ACETALDEHYDE PLANT NO. 2 PROCESS	48626, 106.261/11/01/2003 [125571, 147495], 106.262/11/01/2003 [125571], 106.264/09/04/2000 [147495]
PROHCLREC	HCL RECOVERY UNIT PROCESS	681, 106.261/11/01/2003 [148833], 106.262/11/01/2003 [148833], 106.264/09/04/2000 [148833]
PROSTRIP	WASTEWATER STRIPPER PROCESS	48626
PROWWT5	HAC WASTEWATER NEUTRALIZATION PROCESS	48626

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

Appendix A

Acronym List 59

Acronym List

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

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

From: Mark Meyer
Sent: Tuesday, June 11, 2024 1:16 PM
To: Timothy McMeen (US)
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

You are most welcome, sir.

Mark Meyer
Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445
How is our customer service? Fill out our online customer satisfaction survey
at www.tceq.texas.gov/customersurvey

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

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Tuesday, June 11, 2024 1:14 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Mr. Meyer,

Thanks for the update.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

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

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Tuesday, June 11, 2024 9:58 AM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Mr. McMeen,

The renewal application submitted via STEERES 5/17/2024 for FOP O1971 has been officially assigned to me.

As always, I look forward to working with you throughout the review and subsequent issuance process for the renewal.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits Texas Commission on Environmental Quality
512.239.0445
How is our customer service? Fill out our online customer satisfaction survey at
<https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7Ca5b550704267444e216d08dc8a4248cb%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638537264512327467%7CUnknown%7CTWFpbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=GAIW0c6ORjtUD9Grp0VmPjsMA23aa%2FYTP2Ntl8ICFA%3D&reserved=0>

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

From: Mark Meyer

Sent: Friday, May 17, 2024 12:40 PM

To: McMeen, Timothy <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Good afternoon, sir.

Received - thank you for letting me know. Appreciated.

I will advise once it is officially assigned to me.

Thank you again.

Mark Meyer

Air Permits Division - Operating Permits Texas Commission on Environmental Quality

512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at

<https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7Ca5b550704267444e216d08dc8a4248cb%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638537264512340355%7CUnknown%7CTWFpbGZsb3d8eyJWljoIMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=0pvB6vb3QFOGd1qfrOkr5n0Lqhc9Nu7JXrh1kkFug1s%3D&reserved=0>

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

From: McMeen, Timothy <tmcmeen@eastman.com>

Sent: Friday, May 17, 2024 12:36 PM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: McMeen, Timothy <tmcmeen@eastman.com>

Subject: FW: [EXTERNAL] STEERS Title V Application Submittal (New Application)

Mr. Meyer,

I just wanted to let you know that the renewal permit for FOP O1971 was submitted today via STEERS (see confirmation e-mail below). I have attached a pdf of the full package for your use.

Regards,

Timothy M. McMeen | Eastman

Engineering Associate | Environmental Operations, Longview

Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318

E-Mail: tmcmeen@eastman.com

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

From: steers@tceq.texas.gov <steers@tceq.texas.gov>

Sent: Friday, May 17, 2024 10:30 AM

To: McMeen, Timothy <tmcmeen@eastman.com>; Hooper, Amy B <ahooper@eastman.com>

Subject: [EXTERNAL] STEERS Title V Application Submittal (New Application)

CAUTION: External Email

This confirms the submittal of your Title V Existing Application to the TCEQ.

Your application was successfully submitted and received by the TCEQ at 05/17/2024 10:30 AM.

The submitted application will now be reviewed by the program area. You will be notified by the program area reviewing your application if more information is needed and of final action (approval or denial) of the application.

The Reference number for this submittal is 654655.

The Area ID for this submittal is 1971.

The Project ID for this submittal is 36655.

The STEERS confirmation number for this submittal is 540868.

The hash code for this submittal is

7F4294B80148E92867EFCA98CFAEEEBB0C180632D5090B2657535F827330D5BC.

You may access the copy of record (submitted application) from the submit log which is available by selecting Submissions from the Home page of STEERS

<https://nam11.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww3.tceq.texas.gov%2Fsteers%2F&data=05%7C02%7CMark.Meyer%40tceq.texas.gov%7Ca5b550704267444e216d08dc8a4248cb%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C638537264512346738%7CUnknown%7CTWFPbGZsb3d8eyJWljojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6Ik1haWwiLCJXVCi6Mn0%3D%7C0%7C%7C%7C&sdata=LsUVBmH94FKWFBn5E4dXIC9L3YE%2FTX2Vbqb8dAGuJo%3D&reserved=0.>

If you have any questions, please contact the Air Permits division at 512-239-1250 or by e-mail at airperm@tceq.texas.gov.



Eastman Chemical Company
Texas Operations
P.O. Box 7444
Longview, Texas 75607-7444
Phone: 903-237-5000

February 5, 2025

Certified Mail Receipt Number 7007 2560 0003 1219 6920

Mr. Mark Meyer
Texas Commission on Environmental Quality
Air Permits Division, Operating Permits Section, MC-163
P.O. Box 13087
Austin, Texas 78711-3087

**Re: Certification of Changes to Application for Renewal
Federal Operating Permit No. O1971
C4 – Acetaldehyde
Account No. HH-0042-M
Customer Reference No. CN601214406
Regulated Entity Reference No. RN100219815**

Eastman Chemical Company, Texas Operations (Eastman) is submitting a signed TCEQ Form OP-CRO1 which certifies the changes to the renewal application and comments on the working draft permits (WDPs) for Federal Operating Permit (FOP) No. O1971 for its C4 – Acetaldehyde Area. If you have any questions regarding this submittal, please contact me by phone at (903) 237-6093, or by e-mail at tmcmeen@eastman.com

Sincerely,

Timothy M. McMeen
Engineering Associate
Environmental Operations - Longview

Attachments

cc: Ms. Michelle Baetz
Regional Air/Waste Emergency Response Section Manager
TCEQ Region 5
2916 Teague Drive
Tyler, Texas 75701-3734

EPA Region 6
(R6AirPermitsTX@EPA.gov)

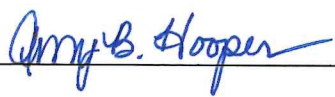
AIR PERMITS DIVISION

JAN 10 2025

RECEIVED

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

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

I. Identifying Information			
RN: RN100219815		CN: CN601214406	Account No.: HH-0042-M
Permit No.: O1971		Project No.: 36655	
Area Name: C4 – Acetaldehyde		Company Name: Eastman Chemical Company	
II. Certification Type <i>(Please mark the appropriate box)</i>			
<input type="checkbox"/> Responsible Official		<input checked="" type="checkbox"/> Duly Authorized Representative	
III. Submittal Type <i>(Please mark the appropriate box) (Only one response can be accepted per form)</i>			
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input checked="" type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application		<input type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____			
IV. Certification of Truth			
This certification does not extend to information which is designated by the TCEQ as information for reference only.			
I, <u>Amy B. Hooper</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>June 11, 2024</u> to <u>February 1, 2025</u> <i>Start Date</i> <i>End Date</i>			
Specific Dates: <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <u> </u> <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></u> Signature Date: <u>2/4/25</u>			
Title: <u>Director, TXO Chemicals Manufacturing Division</u>			

From: [Mark Meyer](#)
To: [Timothy McMeen \(US\)](#)
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Date: Saturday, February 1, 2025 1:27:33 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

Good afternoon,

The project has passed QAQC and is ready of the final OP-CRO1 certifying the changes made since the application submittal.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customer-survey

From: Mark Meyer
Sent: Thursday, January 30, 2025 9:59 AM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Excellent!

Thank you, sir.

I will request the certification as soon as the project passes QAQC.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customer-survey

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Thursday, January 30, 2025 9:56 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: FW: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

Eastman has completed the review of the review of v3 of the WDP for the renewal of FOP O1971 – Acetaldehyde (Project 36655) dated 1/29/2025 and accepts the draft permit as presented.

Please let me know when you are ready for the certification of changes.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Wednesday, January 29, 2025 5:53 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

I have completed the updates needed per your comments submitted 1/22/2025, related to "adding back" the two citations we removed earlier, for the none tanks and MACT G.

I have also updated the submittal date of the OP-PBRSUP you also provided on 1/22/2025.

Just for your records, our Technical Specialist when I passed along your comments/justification/explanation provided 1/22/2025, commented:

I think that is fine if the permit represents the process control option which is the primary control option. The fuel gas option excludes a recordkeeping requirement that process control requires, but otherwise the requirements are pretty much identical.

Attached, please find the updated WDP (v3) for your official approval.

Please review and provide your approval at your earliest opportunity so that we can proceed to issuing the PNAP.

As always, thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Wednesday, January 22, 2025 2:34 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

While admittedly I have not done more than just glance at your comments below submitted earlier this afternoon regarding the HON Subpart G, Group 1 tanks, I did receive a response from our Technical Specialist and wanted to pass it along right away:

"The regulation does not make any distinction on the percentage of time that a unit is routed to a process or to a fuel gas system. The requirements are almost identical with the exception that routing emissions to a process must meet 63.119(f)(1)(i)-(iv) and the reporting requirements of 63.120(f).

I believe to properly represent both compliance options, you would use two separate SOP Index Numbers, one for routing to a process and one for routing emissions to a fuel gas system. Eastman would have to keep records showing which of the compliance options are being used during the annual permit compliance certification period."

Please let me know if this changes your thinking at all. I will get back with you either later today or tomorrow after reviewing your most recent related comments below.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Wednesday, January 22, 2025 1:54 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

Received – thank you. I will review, make any required updates, and advise accordingly.

I apologize for the lack of response regarding the HON Group 1, MACT G tank situation, but I am still waiting to hear back from our Technical Specialist on his view. I do see that you have provided updated comments below.

Thank you again.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

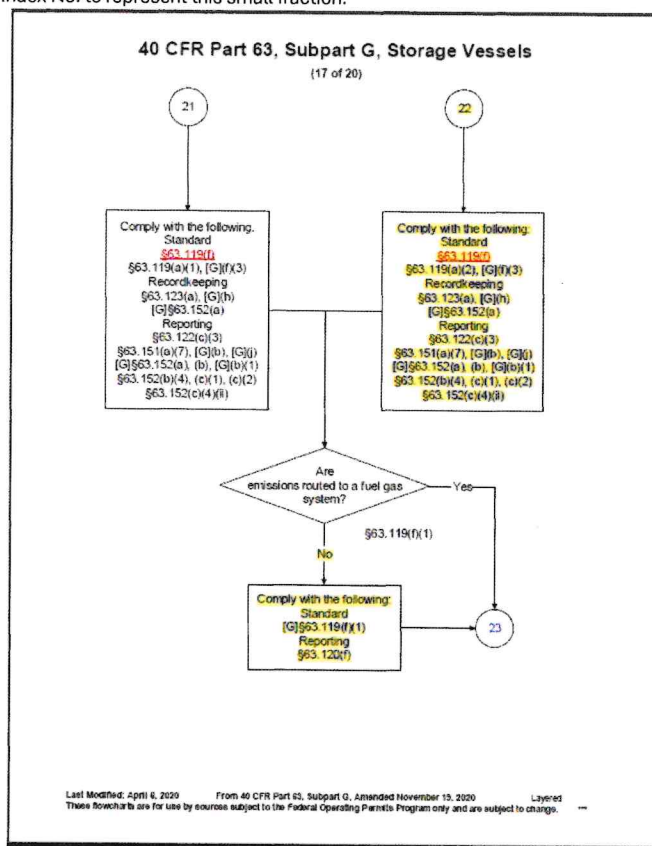
How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Wednesday, January 22, 2025 1:33 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

Eastman has completed the review of v2 of the WDP for the renewal of FOP O1971 – Acetaldehyde (Project 36655) dated 1/11/2025 and provides the following comments/revisions.

- Based on the information provided by the Acetaldehyde operating area Eastman has revised the flowchart for the HON Subpart G, Group 1 tanks addressed by OP-UA3, Table 9. Eastman believes that the answers provided on the OP-UA3, Table 9 are accurate. Specifically the "Emission Control Type" identified as "PROCESS". The material balance provided by operations personnel indicated that 99.94% of the acetaldehyde is controlled by being routed back to the process for recovery. Only 0.06% of the acetaldehyde is sent to the fuel gas system as fuel. Therefore, standard citation [G] 63.119(f)(1) and reporting citation 63.120(f) should be added to the FOP for Unit IDs EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, EP115T603 (see page 17 from flowchart below). Eastman feels that the amount of acetaldehyde being sent to the fuel gas system is insignificant and does not warrant a second SOP Index No. to represent this small fraction.



- A revised PBRSUP is attached as requested.

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Wednesday, January 15, 2025 8:11 AM

To: Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: Re: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

Thank you for the clarification. I will run this by our Technical Specialist and get his take.

Get Outlook for iOS

From: Timothy McMeen (US) <tmcmeen@eastman.com>

Sent: Wednesday, January 15, 2025 8:01:38 AM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

I agree with the concept of your proposal for this situation. However, generally when we use two SOP Index Nos. for a single piece of equipment complying with a specific regulation it is because we have alternate flow paths for the **entire stream**. By opening and closing valves we are able to change the destination of the entire stream. This situation is different in that the stream is always split between the two control methods. That is the reason I was questioning about the relative percentages between these two control options. I am in the process of determining from Operations how much acetaldehyde typically exits the top the stripper and is sent to the fuel gas system for control. This stream may be very small, maybe even less than 1%. So at what point do we say that the amount going to the fuel gas system is too small to be significant and we don't represent that control option in our Title V permit?

Thanks for your guidance.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Tuesday, January 14, 2025 6:40 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good evening, Mr. McMeen.

Thank you for your inquiry.

Right now, there is one Index No. (63G-0013) for each of the nine units. Typically, an index number represents an operating scenario. If I am viewing this situation properly and based on your explanation immediately below, it appears that potentially what are actually two operating scenarios are being combined as one operating scenario. Perhaps if we would use one Index No. to address one of the control devices, and then a second Index No. to handle the second control device? The way I am understanding this at this moment, my first instinct is to use this method, i.e., two Index Nos. for each of the nine units, with an Index No. representing one each of the two possible control devices utilized.

Please advise as to your thoughts and whether I am on track or if I am completely missing the situation.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customer/survey

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Tuesday, January 14, 2025 5:00 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

I have not reviewed your entire note below, but I did want to ask you a question regarding the destination for the tank vents (process versus fuel gas system). The tank vents are all directed to a common header that is routed to the off-gas scrubber for the unit (I am in the process of verifying this with Operations). The majority of acetaldehyde is collected in the water fraction from the scrubber and is routed back to the crude acetaldehyde column for recovery in the process. A small amount of acetaldehyde will exit the off-gas scrubber with the gas fraction and will be sent to Eastman's Rotary Kiln Incinerator (RKI) or the HCl Recovery Furnace as fuel gas. This is probably the reason for the confusion in our forms since the emissions are split between both control methods. I can verify with the Operations the approximate percentage for each, but I'm sure the majority of the acetaldehyde is being recycled back to the process. I can easily correct my flowchart to correct this discrepancy, but if the amount of acetaldehyde in the gas stream is above some percentage (e.g., 10%, 20%, etc.) should this be represented in the Title V permit in some way?

Thanks for your assistance.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Saturday, January 11, 2025 4:48 PM
To: Timothy McMeen (US) <timcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Importance: High

Mr. McMeen,

Why composing the email to our Logic Team, I noticed that your inquiry below related to the added citations states, if I am reading correctly, Eastman is routing emissions to a fuel gas system. I believe the documentation proved (flowcharts) supports this. The scenario of a "fuel gas system" is on which I based my responses and decisions indicated below.

However, the current attribute in the database, and which is supported by the submitted UA3, indicate the code for "Emission Control Type" as "PROCESS." The code for routing to a fuel gas system would be "ROUTED." Please verify/confirm the correct scenario Eastman is utilizing: are emissions routed to a process or to a fuel gas system?

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Saturday, January 11, 2025 3:03 PM
To: Timothy McMeen (US) <timcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

Thank you for your quick review and response. I do greatly appreciate it.

Subsequently, I have completed the review and updates as pertinent based on your comments provided 1/10/2025. Attached, please find the related update WDP (To Applicant v2).

Please note v2 (attached) contains the following changes based on the comments:

1. The latitude and longitude coordinates on the permit face (please see related comments below);
2. The referenced submittal date of the OP-PBRSUP in T&C No. 14

Please see my additional comments/explanation below in red:

Please provide your approval to the WDP and/or any additional comments at your earliest opportunity.

Also, along with your approval and/or comments, please provide the updated and re-dated OP-PBRSUP.

As always, please do not hesitate to contact me should you have any questions.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Friday, January 10, 2025 12:45 PM
To: Timothy McMeen (US)
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

Received – thank you.

I will review and address as appropriate, and advise.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Timothy McMeen (US) <timcmeen@eastman.com>
Sent: Friday, January 10, 2025 10:24 AM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Timothy McMeen (US) <timcmeen@eastman.com>

Subject: FW: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Importance: High

Mr. Meyer,

Eastman has completed the review of the WDP version 1a, dated January 6, 2025 for the renewal of FOP O1971 – Acetaldehyde, Project 36655 and provides the responses to your comments (numbered 1 through 7) along with additional comments (numbered 8 and 9) below.

1. Eastman agrees that the correct renewal date for NSR Permit No. 84724 is October 3, 2024. **Acknowledged. No change to WDP as this date was already referenced in WDP v1a.**
2. Eastman agrees that PBRs 106.122 (version 09/04/2000) and 106.263 (version 11/01/2001) should be removed from FOP O1971. **Thank you.**
3. A revised OP-PBRSUP is being submitted with this response to WDP version 1a. The revised OP-PBRSUP is dated January 10, 2025. **Noted and received.**
 - a. The Monitoring requirements in Attachment D have been revised as suggested. **Noted.**
 - b. The Title V Unit IDs of PROHAC1, PROHAC2, and PROHCLREC appear in parentheses on both Attachments A and D because the other Unit IDs listed are not listed in FOP O1971 since there are no potentially applicable federal regulations. Eastman was trying to provide a link to the Unit IDs not listed in the FOP to a Unit ID that was listed in the FOP. The Unit IDs enclosed in parentheses have been removed. **The inclusion of units located at the site/area on the OP-PBRSUP, even if they do not have Title V applicability/requirements (i.e., units EP034ANAL, etc.), is correct. The “footnote” related to such units is fine and probably a good idea. However, all units that are listed/identified in the Title V permit and are authorized in part or in whole by a PBR, must be listed on the OP-PBRSUP (i.e., units PROHAC1, PROHAC2, and PROHCLREC). I apologize if my previous comments were confusing. Based on the documentation currently provided for this permit, including the permit itself, it appears these three units are, at least in part, authorized by a PBR. Please provide an updated OP-PBRSUP which includes these units on Table A and Table D, without the parentheses.**

As a friendly reminder, all submittals of the OP-PBRSUP must contain all four tables and reference a new submittal date.
 - c. Unit IDs SD103LR1 and SD103LT20 have been removed from the OP-PBRSUP. **Noted.**
4. Eastman agrees that there were no attribute changes for Title V Unit ID EP034FG1. The only field that was modified from the previous submittal was the “Title 40 CFR Part 63, Subpart H Fugitive Unit Description” field at the end of the form (see snip-it below). Eastman uses software licensed from Process Data Corporation (PDC) to prepare Title V renewal permits and it is assumed that the software recognized the change to the description and created the line item on the OP-2 with a generic description of “OPUA UA Attrib-Value Change(s)”. Eastman could work with PDC to try to create a new OP-2 to remove the erroneous entry if desired. **Thank you for this explanation. The “Title 40 CFR Part 63, Subpart H Fugitive Unit Description” field has been updated in the database to now reference “...Plants 1 and 2...”. That said, please note this update did not lead to any change in the permit, as that information/description is not specifically included in the permit.**

As far as PDC, perhaps they could work on providing more specific information/detail in such scenarios, on the OP-2. Specifically and clearly identifying any and all changes certainly assists greatly with the review process.

OP-UA12 Table 9g		2023/07	40 CFR Part 63- HAPS				Fugitive Emission Sources	
Date: 5/17/2024		Permit No: O1971		Regulated Entity No: RN100219615				
Area Name: C4 - Acetaldehyde		Customer Reference No.: CN601214406						
FD#	Unit ID No.	SOP/GOP Index No	Bypass Lines	Unsafe To Inspect	Difficult To Inspect	Employee Number	Title 40 CFR Part 63, Subpart H Fugitive Unit Description	
1066	EP034FG1	63H-0001	No	Yes	Yes	No	ACETALDEHYDE PLANTS 1 AND 2 MANUFACTURING AND	

Eastman agrees that there were no attribute changes for Title V Unit IDs EP034T511, EP034T516, and EP034T517, which all appear on both the OP-UA3, Tables 9 and Table 12. As stated above, Eastman uses software licensed from Process Data Corporation (PDC) to prepare Title V renewal permits and it is assumed that the software recognized the change in the revision date on the OP-UA3 tables and created the line item on the OP-2 with a generic description of “OPUA UA Attrib-Value Change(s)”. Eastman could work with PDC to try to create a new OP-2 to remove the erroneous entries if desired. **Thank you for this explanation. To confirm: No new data was provided for these units and the only referenced “change” was only the form version date. Accordingly, no changes have been made to the database – or permit – for any of these three units (EP034T511, EP034T516, and EP034T517).**

A mentioned above, PDC could assist greatly by clearly identifying any and all changes on the OP-2.

5. Disregarded per instructions. **Concur.**
6. Disregarded per instructions. **Concur.**
7. Duly noted. On future projects, Eastman will only submit forms that indicate actual changes and PBR Registration numbers will be included on OP-2, OP-SUMR, and OP-PBRSUP forms in square brackets. **Thank you.**
8. Please correct the location on the permit cover page to: Latitude 32° 26' 15" and Longitude 94° 41' 37", as it appears in the current permit. **Coordinates updated. As I may have explained previously when dealing with this issue in other permits, for whatever reason, the macro that produces the permit document and thus identifies the latitude and longitude coordinates indicated on the permit face, pulls the coordinates for that RN from the Central Registry database, rather than from the Title V database. The coordinates in the Title V database are “correct” but obviously are different from what is indicated in the Central Registry database. Somewhere there are documents being submitted – or**

have been submitted - for this RN that reference the "incorrect" coordinates and have become the permanent coordinates in the Central Registry database. Unfortunately, it is very difficult to track down the "source" of these different/incorrect coordinates. I have been told in the past, that one source of the Central Registry database information is NSR permits. Does PDC by any chance assist with your NSR permits? If so, is it possible that PDC's database potentially has different coordinates indicated? This is just a guess and in no way a firm statement on the potential difference in the coordinates. It could be from other permit types other than air, i.e., water, waste, etc. In the future, I will return to my usual "habit" of checking the coordinates indicated on the permit face prior to sending the WDP. I obviously failed to do that on this project. For that, I apologize for my error and the subsequent inconvenience.

9. Please explain why new standard citation "[G] §63.119(f)(1)" and new reporting citation "§63.120(f)" were added for HON Group 1 storage tanks routing emissions to a fuel gas system (Unit IDs EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, EP115T603). The TCEQ flowchart for HON storage tanks does not indicate that these citations are applicable for Eastman's case (see attached flowchart). The flowchart clearly differentiates between routing emissions to a fuel gas system or to a process, so perhaps the "Textual Description" should be modified to reflect that Eastman chooses to route the emissions only to a fuel gas system. Now after all of the above, we come to the "fun" stuff! I agree totally that the current permit logic does not match the flowchart. I have sent a related inquiry to the Logic/RRT Team for them to address. In the meantime, I suspect the discrepancy stems from an update completed in June of last year (2024) for MACT G in response to the revision to the rule made in May of 2024 for MACT G. That said, please note:

For the addition of the Reporting requirement 63.120(f), I totally agree that citation is not applicable for you as it clearly references "(storage vessel routed to a process)" and not to a fuel gas system as is your case. Accordingly, I have removed § 63.120(f) from the Reporting requirements for those nine units (EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, and EP115T603, and Index No. 63G-0013).

For the Related Standard citation [G] §63.119(f)(1), it appears that addition may be partially correct. The citation states: "**If emissions are routed to a fuel gas system**, there is no requirement to conduct a performance test or design evaluation. If emissions are routed to a process, the organic hazardous air pollutants in the emissions shall The owner or operator shall comply with the compliance demonstration requirements in § 63.120(f)."

So, the first sentence of the citation, "If emissions are routed to a fuel gas system, there is no requirement to conduct a performance test or design evaluation", clearly does reference a fuel gas system, so I believe the citation is applicable and should be included. However, I do NOT believe the [G] associate is correct as the (i) – (iv) component of the citation is, as I read the rule, applicable to only a "process."

As further support that 63.120(f) is NOT applicable, I believe the reference to 63.120(f) in this citation clearly is related specifically to a process, the second part of the citation..

After all is said and done, I have removed the reference to Reporting Requirement § 63.120(f) from those nine units, as well as the [G] association reference and portion, and left only "§ 63.119(f)(1)" as a Standard Requirement, for the same nine units.

Please let me know if you have any further questions regarding this renewal application.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: timcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Monday, January 6, 2025 11:29 AM

To: Timothy McMeen (US) <timcmeen@eastman.com>

Subject: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Importance: High

CAUTION: External Email

Mr. McMeen,

Upon conducting additional research this morning, I have revised the WDP and attached is the revised version, identified as 1a. Please use this version to conduct your review.

The revisions have to do with items 5 and 6 below.

While the TCEQ issued AMA was previously excluded, the EPA issued AMA is also now excluded, along with all references to the/an alternative requirement.

Conducting the further research on previous projects, I discovered this issue has been previously addressed and the AMAs have always been excluded from the Title V permit based on the air addendum being incorporated into various NSR permits, and the update of Special Term and Condition #3 in the Title V permit to include stationary vents constructed prior to January 31, 1972.

I apologize for the inconvenience and rushing to provide the WDP without more thorough due diligence.

Again, please base your review on version 1a, which is attached, and disregard items 5 and 6 below.

As always, please do not hesitate to contact me should you have any questions or concerns.

Thank you for your flexibility and understanding.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer

Sent: Sunday, January 5, 2025 6:54 PM

To: 'Timothy McMeen (US)' <timcmeen@eastman.com>

Subject: WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good evening,

I have completed the technical review of the submitted renewal application for Eastman Chemical Company and the C4-Acetaldehyde area (Project 36655, Permit O1971). Attached is the Working Draft Permit for your review and approval, and/or comments.

During the technical review, the following items surfaced which require additional information and/or explanation:

1. The submitted related issuance date for NSR No. 84724 was 8/19/2013. However, a renewal was issued 10/3/2024. Please confirm which issuance date is appropriate to be used. As of now, the 10/3/2024 renewal date is indicated in the WDP.
2. As confirmation, based on the submitted OP-2, OP-SUMR, OP-REQ1, and OP-PBRSUP forms, both PBRs ~~406.222~~ 106.122 (v 09/04/2000) and 106.263 (v 11/01/2001) have been removed from the permit.
3. Per the submitted OP-PBRSUP:
 - a. The currently "Monitoring Requirements" indicated on Tabel D basically reference Conditions in NSR permits. As such references have led to comments in the past, we suggest "Monitoring Requirements" indicate detailed actions as opposed to "referencing a reference". Should you prefer, the current submittal will be used. However, should you desire to possibly lower the risk of potentially receiving comments, please submit an updated PBRSUP indicating more specific, detailed Monitoring Requirements.
 - b. On both Table A and Table D, there are three unit IDs that are enclosed within () (i.e., parentheses). Please advise on the meaning of the parentheses.
 - c. As was discussed during our recent phone conversation about the OP-PBRSUP, the inclusion of reference to units SD103LR1 and SD103LT20 should not be included as they are not part of this Title V permit. Please submit an updated PBRSUP with the references to these two units – including the footnote – removed.
4. The submitted OP-2 indicated UA attribute changes for units EP034FG1 (UA12), EP034T511 (2 Index Nos. on UA3), EP034T516 (2 Index Nos. on UA3), and ~~EP034T517~~ EP034T517 (2 Index Nos. on UA3). However, the submitted forms do not indicate any changes in attributes that are not already in the database and thus, no changes are reflected in the permit for these units. Please advise.
5. The attached WDP does include the EPA issued AMA from 2010. Please advise on why it is being added at this time when it has not previously been in the permit?
6. The attached WDP does NOT include the "TCEQ" issued AMA from 2000 as it appears to be associated with a Solid Waste Registration and does not seem to belong in the Title V permit. Accordingly, the submitted OP-REQ1 question XI.D.4 has been changed from "Yes" to "No." Please confirm your approval of these actions.
7. Moving forward for future projects, please note the following:
 - a. Only forms that indicate actual changes (additions, subtractions, revisions, etc.) need to be submitted. For this project only identified changes at this point have to do with Preconstruction Authorizations, and thus, Forms OP-REQ2, the UA forms, etc. are not necessary.
 - b. PBR Registration Nos. are to be indicated on the forms OP-2 and OP-SUMR and are to be enclosed in [] (brackets).

As a reminder, whenever form OP-PBRSUP is submitted, it must be the entire form (i.e., all four Tables) and indicate a new submittal date.

Please review the WDP and provide your approval and/or comments at your earliest opportunity, but please no later than COB on Wednesday, 1/15/2025.

As always, please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711-3087
512.239.0445

mark.meyer@tceq.texas.gov

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



How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

Form OP-PBRSUP - Instructions
Permits By Rule Supplemental Table
Texas Commission on Environmental Quality

General:

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

Specific:

Permits by Rule (30 TAC Chapter 106) for the Application Area

Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH ₃ Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

Registration No.:

Enter the registration number provided by TCEQ upon authorization.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Registration Date:

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

D. Monitoring Requirements for registered and claimed PBRs for the Application Area

This section provides the monitoring and/or recordkeeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

Monitoring Requirement:

Provide the monitoring and/or recordkeeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the Periodic Monitoring Guidance and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

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
January 22, 2025		O1971	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512, PROHAC1, PROHAC2	125571	106.261 and 106.262	December 23, 2014
EP035T101, PROHAC2	147495	106.261 and 106.264	August 16, 2017
EP035E701, PROHCLREC	148833	106.261, 106.262, and 106.264	November 22, 2017

EP034ANAL, EP034D202, EP034MNT1, EP034SAT, EP034T304, EP035D202, EP035E701, EP035T101, EP035T304, EP035T310, are not listed in FOP O1971 since there are no potentially applicable regulations.

Permit By Rule Supplemental Table (Page 2)

[illegible]

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
January 22, 2025	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
EP034ANAL, EP034D202, EP034FGL, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512, PROHAC1, PROHAC2	106.261 and 106.262	11/01/2003; Registration 125571	Ensure the hourly and annual emissions are less than values represented in PBR Registration 125571 by tracking the amount of crude purchased acetaldehyde introduced into the process on an hourly and monthly basis.
EP035T101, PROHAC2	106.261 and 106.264	11/01/2003 and 09/04/2000; Registration 147495	Ensure the hourly and annual emissions are less than values represented in PBR Registration 147495 by tracking the maximum hourly fill rate and the annual throughput, on a rolling 12-month basis, for EP035T101.
EP035E701, PROHCLREC	106.261, 106.262, and 106.264	11/01/2003 and 09/04/2000; Registration 148833	Ensure the hourly and annual emissions are less than values represented in PBR Registration 148833 by tracking the maximum hourly feed rate and the annual feed rate, on a rolling 12-month basis, for EP035E701.
EP115T604, EP115T608, EP115T609	106.472	09/04/2000	Ensure that the hydrochloric acid storage vessels are vented through a water scrubber at all times as required by 30 TAC, Chapter 106.472(7).

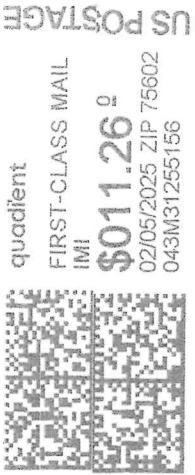
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MAN CHEMICAL COMPANY
Box 7444 • Longview, Texas 75607-7444

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EASTMAN

Texas Eastman Division
Eastman Chemical Company
P.O. Box 7444
Longview, Texas 75607-7444

TO:

Mr. Mark Meyer
Texas Commission on Environmental Quality
Air Permits Division
Operating Permits Section, MC-163
P.O. Box 13087
Austin, TX 78711-3087



Eastman Chemical Company
Texas Operations
P.O. Box 7444
Longview, Texas 75607-7444
Phone: 903-237-5000

February 5, 2025

Certified Mail Receipt Number 7007 2560 0003 1219 6920

Mr. Mark Meyer
Texas Commission on Environmental Quality
Air Permits Division, Operating Permits Section, MC-163
P.O. Box 13087
Austin, Texas 78711-3087

**Re: Certification of Changes to Application for Renewal
Federal Operating Permit No. O1971
C4 – Acetaldehyde
Account No. HH-0042-M
Customer Reference No. CN601214406
Regulated Entity Reference No. RN100219815**

Eastman Chemical Company, Texas Operations (Eastman) is submitting a signed TCEQ Form OP-CRO1 which certifies the changes to the renewal application and comments on the working draft permits (WDPs) for Federal Operating Permit (FOP) No. O1971 for its C4 – Acetaldehyde Area. If you have any questions regarding this submittal, please contact me by phone at (903) 237-6093, or by e-mail at tmcmeen@eastman.com

Sincerely,

Timothy M. McMeen
Engineering Associate
Environmental Operations - Longview

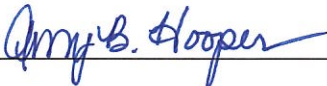
Attachments

cc: Ms. Michelle Baetz
Regional Air/Waste Emergency Response Section Manager
TCEQ Region 5
2916 Teague Drive
Tyler, Texas 75701-3734

EPA Region 6
(R6AirPermitsTX@EPA.gov)

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

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

I. Identifying Information			
RN: RN100219815		CN: CN601214406	Account No.: HH-0042-M
Permit No.: O1971		Project No.: 36655	
Area Name: C4 – Acetaldehyde		Company Name: Eastman Chemical Company	
II. Certification Type (Please mark the appropriate box)			
<input type="checkbox"/> Responsible Official		<input checked="" type="checkbox"/> Duly Authorized Representative	
III. Submittal Type (Please mark the appropriate box) (Only one response can be accepted per form)			
<input type="checkbox"/> SOP/TOP Initial Permit Application		<input checked="" type="checkbox"/> Update to Permit Application	
<input type="checkbox"/> GOP Initial Permit Application		<input type="checkbox"/> Permit Revision, Renewal, or Reopening	
<input type="checkbox"/> Other: _____			
IV. Certification of Truth			
This certification does not extend to information which is designated by the TCEQ as information for reference only.			
I, <u>Amy B. Hooper</u> certify that I am the <u>DAR</u> (Certifier Name printed or typed) (RO or DAR)			
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>June 11, 2024</u> to <u>February 1, 2025</u> Start Date End Date			
Specific Dates: _____ Date 1 Date 2 Date 3 Date 4 Date 5 Date 6			
Signature: <u></u> Signature Date: <u>2/4/25</u>			
Title: <u>Director, TXO Chemicals Manufacturing Division</u>			

From: Mark Meyer
To: Timothy McMeen (US)
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Date: Saturday, February 1, 2025 1:27:33 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)

Good afternoon,

The project has passed QAQC and is ready of the final OP-CRO1 certifying the changes made since the application submittal.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Mark Meyer
Sent: Thursday, January 30, 2025 9:59 AM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Excellent!

Thank you, sir.

I will request the certification as soon as the project passes QAQC.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Thursday, January 30, 2025 9:56 AM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: FW: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

Eastman has completed the review of the review of v3 of the WDP for the renewal of FOP O1971 – Acetaldehyde (Project 36655) dated 1/29/2025 and accepts the draft permit as presented.

Please let me know when you are ready for the certification of changes.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Wednesday, January 29, 2025 5:53 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

I have completed the updates needed per your comments submitted 1/22/2025, related to "adding back" the two citations we removed earlier, for the none tanks and MACT G.

I have also updated the submittal date of the OP-PBRSUP you also provided on 1/22/2025.

Just for your records, our Technical Specialist when I passed along your comments/justification/explanation provided 1/22/2025, commented:

I think that is fine if the permit represents the process control option which is the primary control option. The fuel gas option excludes a recordkeeping requirement that process control requires, but otherwise the requirements are pretty much identical.

Attached, please find the updated WDP (v3) for your official approval.

Please review and provide your approval at your earliest opportunity so that we can proceed to issuing the PNAP.

As always, thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
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From: Mark Meyer
Sent: Wednesday, January 22, 2025 2:34 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

While admittedly I have not done more than just glance at your comments below submitted earlier this afternoon regarding the HON Subpart G, Group 1 tanks, I did receive a response from our Technical Specialist and wanted to pass it along right away:

"The regulation does not make any distinction on the percentage of time that a unit is routed to a process or to a fuel gas system. The requirements are almost identical with the exception that routing emissions to a process must meet 63.119(f)(1)(i)-(iv) and the reporting requirements of 63.120(f).

I believe to properly represent both compliance options, you would use two separate SOP Index Numbers, one for routing to a process and one for routing emissions to a fuel gas system. Eastman would have to keep records showing which of the compliance options are being used during the annual permit compliance certification period."

Please let me know if this changes your thinking at all. I will get back with you either later today or tomorrow after reviewing your most recent related comments below.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
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From: Mark Meyer
Sent: Wednesday, January 22, 2025 1:54 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

Received – thank you. I will review, make any required updates, and advise accordingly.

I apologize for the lack of response regarding the HON Group 1, MACT G tank situation, but I am still waiting to hear back from our Technical Specialist on his view. I do see that you have provided updated comments below.

Thank you again.

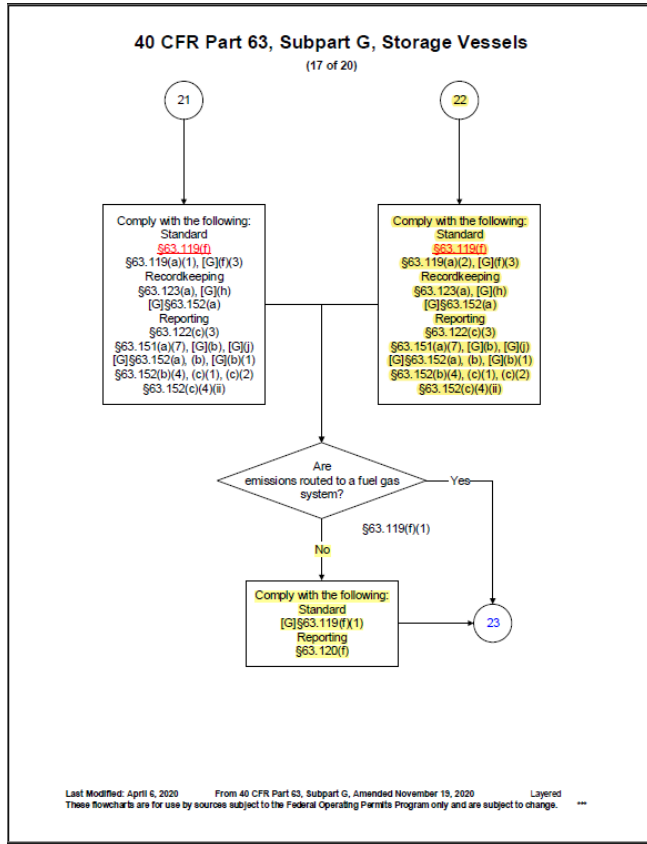
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Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
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From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Wednesday, January 22, 2025 1:33 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

Eastman has completed the review of v2 of the WDP for the renewal of FOP O1971 – Acetaldehyde (Project 36655) dated 1/11/2025 and provides the following comments/revisions.

- Based on the information provided by the Acetaldehyde operating area Eastman has revised the flowchart for the HON Subpart G, Group 1 tanks addressed by OP-UA3, Table 9. Eastman believes that the answers provided on the OP-UA3, Table 9 are accurate. Specifically the "Emission Control Type" identified as "PROCESS". The material balance provided by operations personnel indicated that 99.94% of the acetaldehyde is controlled by being routed back to the process for recovery. Only 0.06% of the acetaldehyde is sent to the fuel gas system as fuel. Therefore, standard citation [G] 63.119(f)(1) and reporting citation 63.120(f) should be added to the FOP for Unit IDs EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, EP115T603 (see page 17 from flowchart below). Eastman feels that the amount of acetaldehyde being sent to the fuel gas system is insignificant and does not warrant a second SOP Index No. to represent this small fraction.



- A revised PBR SUP is attached as requested.

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Sent: Wednesday, January 15, 2025 8:11 AM

To: Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: Re: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

Thank you for the clarification. I will run this by our Technical Specialist and get his take.

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From: Timothy McMeen (US) <tmcmeen@eastman.com>

Sent: Wednesday, January 15, 2025 8:01:38 AM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>

Cc: Timothy McMeen (US) <tmcmeen@eastman.com>

Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

I agree with the concept of your proposal for this situation. However, generally when we use two SOP Index Nos. for a single piece of equipment complying with a specific regulation it is because we have alternate flow paths for the **entire stream**. By opening and closing valves we are able to change the destination of the entire stream. This situation is different in that the stream is always split between the two control methods. That is the reason I was questioning about the relative percentages between these two control options. I am in the process of determining from Operations how much acetaldehyde typically exits the top the stripper and is sent to the fuel gas system for control. This stream may be very small, maybe even less than 1%. So at what point do we say that the amount going to the fuel gas system is too small to be significant and we don't represent that control option in our Title V permit?

Thanks for your guidance.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Tuesday, January 14, 2025 6:40 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good evening, Mr. McMeen.

Thank you for your inquiry.

Right now, there is one Index No. (63G-0013) for each of the nine units. Typically, an index number represents an operating scenario. If I am viewing this situation properly and based on your explanation immediately below, it appears that potentially what are actually two operating scenarios are being combined as one operating scenario. Perhaps if we would use one Index No. to address one of the control devices, and then a second Index No. to handle the second control device? The way I am understanding this at this moment, my first instinct is to use this method, i.e., two Index Nos. for each of the nine units, with an Index No. representing one each of the two possible control devices utilized.

Please advise as to your thoughts and whether I am on track or if I am completely missing the situation.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
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From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Tuesday, January 14, 2025 5:00 PM
To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. Meyer,

I have not reviewed your entire note below, but I did want to ask you a question regarding the destination for the tank vents (process versus fuel gas system). The tank vents are all directed to a common header that is routed to the off-gas scrubber for the unit (I am in the process of verifying this with Operations). The majority of acetaldehyde is collected in the water fraction from the scrubber and is routed back to the crude acetaldehyde column for recovery in the process. A small amount of acetaldehyde will exit the off gas scrubber with the gas fraction and will be sent to Eastman's Rotary Kiln Incinerator (RKI) or the HCl Recovery Furnace as fuel gas. This is probably the reason for the confusion in our forms since the emissions are split between both control methods. I can verify with the Operations the approximate percentage for each, but I'm sure the majority of the acetaldehyde is being recycled back to the process. I can easily correct my flowchart to correct this discrepancy, but if the amount of acetaldehyde in the gas stream is above some percentage (e.g., 10%, 20%, etc.) should this be represented in the Title V permit in some way?

Thanks for your assistance.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Saturday, January 11, 2025 4:48 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Importance: High

Mr. McMeen,

Why composing the email to our Logic Team, I noticed that your inquiry below related to the added citations states, if I am reading correctly, Eastman is routing emissions to a fuel gas system. I believe the documentation proved (flowcharts) supports this. The scenario of a "fuel gas system" is on which I based my responses and decisions indicated below.

However, the current attribute in the database, and which is supported by the submitted UA3, indicate the code for "Emission Control Type" as "PROCESS." The code for routing to a fuel gas system would be "ROUTED." Please verify/confirm the correct scenario Eastman is utilizing: are emissions routed to a process or to a fuel gas system?

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
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From: Mark Meyer
Sent: Saturday, January 11, 2025 3:03 PM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Mr. McMeen,

Thank you for your quick review and response. I do greatly appreciate it.

Subsequently, I have completed the review and updates as pertinent based on your comments provided 1/10/2025. Attached, please find the related update WDP (To Applicant v2).

Please note v2 (attached) contains the following changes based on the comments:

1. The latitude and longitude coordinates on the permit face (please see related comments below);
2. The referenced submittal date of the OP-PBRSUP in T&C No. 14

Please see my additional comments/explanation below **in red**:

Please provide your approval to the WDP and/or any additional comments at your earliest opportunity.

Also, along with your approval and/or comments, please provide the updated and re-dated OP-PBRSUP.

As always, please do not hesitate to contact me should you have any questions.

Thank you, sir.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
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From: Mark Meyer
Sent: Friday, January 10, 2025 12:45 PM
To: Timothy McMeen (US)
Subject: RE: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good afternoon, sir.

Received – thank you.

I will review and address as appropriate, and advise.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445
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From: Timothy McMeen (US) <tmcmeen@eastman.com>
Sent: Friday, January 10, 2025 10:24 AM

To: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Cc: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: FW: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Importance: High

Mr. Meyer,

Eastman has completed the review of the WDP version 1a, dated January 6, 2025 for the renewal of FOP O1971 – Acetaldehyde, Project 36655 and provides the responses to your comments (numbered 1 through 7) along with additional comments (numbered 8 and 9) below.

1. Eastman agrees that the correct renewal date for NSR Permit No. 84724 is October 3, 2024. **Acknowledged. No change to WDP as this date was already referenced in WDP v1a.**

2. Eastman agrees that PBRs 106.122 (version 09/04/2000) and 106.263 (version 11/01/2001) should be removed from FOP O1971. **Thank you.**

3. A revised OP-PBR SUP is being submitted with this response to WDP version 1a. The revised OP-PBR SUP is dated January 10, 2025. **Noted and received.**

a. The Monitoring requirements in Attachment D have been revised as suggested. **Noted.**

b. The Title V Unit IDs of PROHAC1, PROHAC2, and PROHCLREC appear in parentheses on both Attachments A and D because the other Unit IDs listed are not listed in FOP O1971 since there are no potentially applicable federal regulations. Eastman was trying to provide a link to the Unit IDs not listed in the FOP to a Unit ID that was listed in the FOP. The Unit IDs enclosed in parentheses have been removed. **The inclusion of units located at the site/area on the OP-PBR SUP, even if they do not have Title V applicability/requirements (i.e., units EP034ANAL, etc.), is correct. The “footnote” related to such units is fine and probably a good idea. However, all units that are listed/identified in the Title V permit and are authorized in part or in whole by a PBR, must be listed on the OP-PBR SUP (i.e., units PROHAC1, PROHAC2, and PROHCLREC). I apologize if my previous comments were confusing. Based on the documentation currently provided for this permit, including the permit itself, it appears these three units are, at least in part, authorized by a PBR. Please provide an updated OP-PBR SUP which includes these units on Table A and Table D, without the parentheses.**

As a friendly reminder, all submittals of the OP-PBR SUP must contain all four tables and reference a new submittal date.

c. Unit IDs SD103LR1 and SD103LT20 have been removed from the OP-PBR SUP. **Noted.**

4. Eastman agrees that there were no attribute changes for Title V Unit ID EP034FG1. The only field that was modified from the previous submittal was the “Title 40 CFR Part 63, Subpart H Fugitive Unit Description” field at the end of the form (see snip-it below). Eastman uses software licensed from Process Data Corporation (PDC) to prepare Title V renewal permits and it is assumed that the software recognized the change to the description and created the line item on the OP-2 with a generic description of “OPUA UA Attrib-Value Change(s)”. Eastman could work with PDC to try to create a new OP-2 to remove the erroneous entry if desired. **Thank you for this explanation. The “Title 40 CFR Part 63, Subpart H Fugitive Unit Description” field has been updated in the database to now reference “...Plants 1 and 2...”. That said, please note this update did not lead to any change in the permit, as that information/description is not specifically included in the permit.**

As far as PDC, perhaps they could work on providing more specific information/detail in such scenarios, on the OP-2. Specifically and clearly identifying any and all changes certainly assists greatly with the review process.

OP-UA12 Table 9g		2023/07	40 CFR Part 63- HAPS				Fugitive Emission Sources	
Date: 5/17/2024		Permit No: O1971		Regulated Entity No: RN100219815				
Area Name: C4 - Acetaldehyde		Customer Reference No.: CN601214406						
FD#	Unit ID No.	SOP/GOP Index No	Bypass Lines	Unsafe To Inspect	Difficult To Inspect	Employee Number	Title 40 CFR Part 63, Subpart H Fugitive Unit Description	
1068	EP034FG1	63H-0001	No	Yes	Yes	No	ACETALDEHYDE[PLANTS 1 AND 2 MANUFACTURING AND	

Eastman agrees that there were no attribute changes for Title V Unit IDs EP034T511, EP034T516, and EP034T517, which all appear on both the OP-UA3, Tables 9 and Table 12. As stated above, Eastman uses software licensed from Process Data Corporation (PDC) to prepare Title V renewal permits and it is assumed that the software recognized the change in the revision date on the OP-UA3 tables and created the line item on the OP-2 with a generic description of “OPUA UA Attrib-Value Change(s)”. Eastman could work with PDC to try to create a new OP-2 to remove the erroneous entries if desired. **Thank you for this explanation. To confirm: No new data was provided for these units and the only referenced “change” was only the form version date. Accordingly, no changes have been made to the database – or permit – for any of these three units (EP034T511, EP034T516, and EP034T517).**

A mentioned above, PDC could assist greatly by clearly identifying any and all changes on the OP-2.

5. Disregarded per instructions. **Concur.**

6. Disregarded per instructions. **Concur.**

7. Duly noted. On future projects, Eastman will only submit forms that indicate actual changes and PBR Registration numbers will be included on OP-2, OP-SUMR, and OP-PBR SUP forms in square brackets. **Thank you.**

8. Please correct the location on the permit cover page to: Latitude 32° 26’ 15” and Longitude 94° 41’ 37”, as it appears in the current permit. **Coordinates updated. As I may have explained previously when dealing with this issue in other permits, for whatever reason, the macro that produces the permit document and thus identifies the latitude and longitude coordinates indicated on the permit face, pulls the coordinates for that RN from the Central Registry database, rather than from the Title V database. The coordinates in the Title V database are “correct” but obviously are different from what is indicated in the Central Registry database. Somewhere there are documents being submitted – or**

have been submitted - for this RN that reference the “incorrect” coordinates and have become the permanent coordinates in the Central Registry database. Unfortunately, it is very difficult to track down the “source” of these different/incorrect coordinates. I have been told in the past, that one source of the Central Registry database information is NSR permits. Does PDC by any chance assist with your NSR permits? If so, is it possible that PDC’s database potentially has different coordinates indicated? This is just a guess and in no way a firm statement on the potential difference in the coordinates. It could be from other permit types other than air, i.e., water, waste, etc. In the future, I will return to my usual “habit” of checking the coordinates indicated on the permit face prior to sending the WDP. I obviously failed to do that on this project. For that, I apologize for my error and the subsequent inconvenience.

9. Please explain why new standard citation “[G] §63.119(f)(1)” and new reporting citation “§63.120(f)” were added for HON Group 1 storage tanks routing emissions to a fuel gas system (Unit IDs EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, EP115T603). The TCEQ flowchart for HON storage tanks does not indicate that these citations are applicable for Eastman’s case (see attached flowchart). The flowchart clearly differentiates between routing emissions to a fuel gas system or to a process, so perhaps the “Textual Description” should be modified to reflect that Eastman chooses to route the emissions only to a fuel gas system. Now after all of the above, we come to the “fun” stuff! I agree totally that the current permit logic does not match the flowchart. I have sent a related inquiry to the Logic/RRT Team for them to address. In the meantime, I suspect the discrepancy stems from an update completed in June of last year (2024) for MACT G in response to the revision to the rule made in May of 2024. for MACT G. That said, please note:

For the addition of the Reporting requirement 63.120(f), I totally agree that citation is not applicable for you as it clearly references “(storage vessel routed to a process)” and not to a fuel gas system as is your case. Accordingly, I have removed § 63.120(f) from the that Reporting requirements for those nine units (EP034T501A, EP034T501B, EP034T501C, EP035T501A, EP035T501B, EP035T501C, EP103T601, EP103T602, and EP115T603, and Index No. 63G-0013).

For the Related Standard citation [G] §63.119(f)(1), it appears that addition may be partially correct. The citation states: “**If emissions are routed to a fuel gas system**, there is no requirement to conduct a performance test or design evaluation. If emissions are routed to a process, the organic hazardous air pollutants in the emissions shallThe owner or operator shall comply with the compliance demonstration requirements in § 63.120(f).”

So, the first sentence of the citation, “If emissions are routed to a fuel gas system, there is no requirement to conduct a performance test or design evaluation”, clearly does reference a fuel gas system, so I believe the citation is applicable and should be included. However, I do NOT believe the [G] associate is correct as the (i) – (iv) component of the citation is, as I read the rule, applicable to only a “process.”

As further support that 63.120(f) is NOT applicable, I believe the reference to 63.120(f) in this citation clearly is related specifically to a process, the second part of the citation..

After all is said and done, I have removed the reference to Reporting Requirement § 63.120(f) from those nine units, as well as the [G] association reference and portion, and left only “§ 63.119(f)(1)” as a Standard Requirement, for the same nine units.

Please let me know if you have any further questions regarding this renewal application.

Regards,

Timothy M. McMeen | Eastman
Engineering Associate | Environmental Operations, Longview
Office: +1 903.237.6093 | Mobile: +1 903.241.1535 | Fax: +1 903.237.6318
E-Mail: tmcmeen@eastman.com

From: Mark Meyer <Mark.Meyer@tceq.texas.gov>
Sent: Monday, January 6, 2025 11:29 AM
To: Timothy McMeen (US) <tmcmeen@eastman.com>
Subject: [EXTERNAL] UPDATED WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)
Importance: High

CAUTION: External Email

Mr. McMeen,

Upon conducting additional research this morning, I have revised the WDP and attached is the revised version, identified as 1a. Please use this version to conduct your review.

The revisions have to do with items 5 and 6 below.

While the TCEQ issued AMA was previously excluded, the EPA issued AMA is also now excluded, along with all references to the/an alternative requirement.

Conducting the further research on previous projects, I discovered this issue has been previously addressed and the AMAs have always been excluded from the Title V permit based on the air addendum being incorporated into various NSR permits, and the update of Special Term and Condition #3 in the Title V permit to include stationary vents constructed prior to January 31, 1972.

I apologize for the inconvenience and rushing to provide the WDP without more thorough due diligence.

Again, please base your review on version 1a, which is attached, and disregard items 5 and 6 below.

As always, please do not hesitate to contact me should you have any questions or concerns.

Thank you for your flexibility and understanding.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
512.239.0445

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From: Mark Meyer

Sent: Sunday, January 5, 2025 6:54 PM

To: 'Timothy McMeen (US)' <tmcmeen@eastman.com>

Subject: WDP - SOP Renewal - Eastman Chemical CompanyC4-Acetaldehyde Area (Project 36655, Permit O1971)

Good evening,

I have completed the technical review of the submitted renewal application for Eastman Chemical Company and the C4-Acetaldehyde area (Project 36655, Permit O1971). Attached is the Working Draft Permit for your review and approval, and/or comments.

During the technical review, the following items surfaced which require additional information and/or explanation:

1. The submitted related issuance date for NSR No. 84724 was 8/19/2013. However, a renewal was issued 10/3/2024. Please confirm which issuance date is appropriate to be used. As of now, the 10/3/2024 renewal date is indicated in the WDP.
2. As confirmation, based on the submitted OP-2, OP-SUMR, OP-REQ1, and OP-PBRSUP forms, both PBRs ~~106.222~~ **106.122** (v 09/04/2000) and 106.263 (v 11/01/2001) have been removed from the permit.
3. Per the submitted OP-PBRSUP:
 - a. The currently "Monitoring Requirements" indicated on Tabel D basically reference Conditions in NSR permits. As such references have led to comments in the past, we suggest "Monitoring Requirements" indicate detailed actions as opposed to "referencing a reference". Should you prefer, the current submittal will be used. However, should you desire to possibly lower the risk of potentially receiving comments, please submit an updated PBRSUP indicating more specific, detailed Monitoring Requirements.
 - b. On both Table A and Table D, there are three unit IDs that are enclosed within () (i.e., parentheses). Please advise on the meaning of the parentheses.
 - c. As was discussed during our recent phone conversation about the OP-PBRSUP, the inclusion of reference to units SD103LR1 and SD103LT20 should not be included as they are not part of this Title V permit. Please submit an updated PBRSUP with the references to these two units – including the footnote – removed.
4. The submitted OP-2 indicated UA attribute changes for units EP034FG1 (UA12), EP034T511 (2 Index Nos. on UA3), EP034T516 (2 Index Nos. on UA3), and ~~EP034T5174~~ **EP034T517** (2 Index Nos. on UA3). However, the submitted forms do not indicate any changes in attributes that are not already in the database and thus, no changes are reflected in the permit for these units. Please advise.
5. The attached WDP does include the EPA issued AMA from 2010. Please advise on why it is being added at this time when it has not previously been in the permit?
6. The attached WDP does NOT include the "TCEQ" issued AMA from 2000 as it appears to be associated with a Solid Waste Registration and does not seem to belong in the Title V permit. Accordingly, the submitted OP-REQ1 question XI.D.4 has been changed from "Yes" to "No." Please confirm your approval of these actions.
7. Moving forward for future projects, please note the following:
 - a. Only forms that indicate actual changes (additions, subtractions, revisions, etc.) need to be submitted. For this project only identified changes at this point have to do with Preconstruction Authorizations, and thus, Forms OP-REQ2, the UA forms, etc. are not necessary.
 - b. PBR Registration Nos. are to be indicated on the forms OP-2 and OP-SUMR and are to be enclosed in [] (brackets).

As a reminder, whenever form OP-PBRSUP is submitted, it must be the entire form (i.e., all four Tables) and indicate a new submittal date.

Please review the WDP and provide your approval and/or comments at your earliest opportunity, but please no later than COB on Wednesday, 1/15/2025.

As always, please do not hesitate to contact me should you have any questions.

Thank you.

Mark Meyer
Air Permits Division - Operating Permits
Texas Commission on Environmental Quality
P.O. Box 13087, MC 163
Austin, TX 78711-3087
512.239.0445

mark.meyer@tceq.texas.gov

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Form OP-PBRSUP - Instructions
Permits By Rule Supplemental Table
Texas Commission on Environmental Quality

General:

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

Specific:

Permits by Rule (30 TAC Chapter 106) for the Application Area

Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH ₃ Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

Registration No.:

Enter the registration number provided by TCEQ upon authorization.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Registration Date:

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

D. Monitoring Requirements for registered and claimed PBRs for the Application Area

This section provides the monitoring and/or recordkeeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

Monitoring Requirement:

Provide the monitoring and/or recordkeeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

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
January 22, 2025	O1971	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512, PROHAC1, PROHAC2	125571	106.261 and 106.262	December 23, 2014
EP035T101, PROHAC2	147495	106.261 and 106.264	August 16, 2017
EP035E701, PROHCLREC	148833	106.261, 106.262, and 106.264	November 22, 2017

EP034ANAL, EP034D202, EP034MNT1, EP034SAT, EP034T304, EP035D202, EP035E701, EP035T101, EP035T304, EP035T310, are not listed in FOP O1971 since there are no potentially applicable regulations.

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
January 22, 2025	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date
EP115T604, EP115T608, EP115T609	106.472	09/04/2000

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
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
January 22, 2025	O1971	RN100219815

PBR No.	Version No./Date
N/A	

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
January 22, 2025	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512, PROHAC1, PROHAC2	106.261 and 106.262	11/01/2003; Registration 125571	Ensure the hourly and annual emissions are less than values represented in PBR Registration 125571 by tracking the amount of crude purchased acetaldehyde introduced into the process on an hourly and monthly basis.
EP035T101, PROHAC2	106.261 and 106.264	11/01/2003 and 09/04/2000; Registration 147495	Ensure the hourly and annual emissions are less than values represented in PBR Registration 147495 by tracking the maximum hourly fill rate and the annual throughput, on a rolling 12-month basis, for EP035T101.
EP035E701, PROHCLREC	106.261, 106.262, and 106.264	11/01/2003 and 09/04/2000; Registration 148833	Ensure the hourly and annual emissions are less than values represented in PBR Registration 148833 by tracking the maximum hourly feed rate and the annual feed rate, on a rolling 12-month basis, for EP035E701.
EP115T604, EP115T608, EP115T609	106.472	09/04/2000	Ensure that the hydrochloric acid storage vessels are vented through a water scrubber at all times as required by 30 TAC, Chapter 106.472(7).

Form OP-PBRSUP - Instructions
Permits By Rule Supplemental Table
Texas Commission on Environmental Quality

General:

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

Specific:

Permits by Rule (30 TAC Chapter 106) for the Application Area

Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH ₃ Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

Registration No.:

Enter the registration number provided by TCEQ upon authorization.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Registration Date:

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

D. Monitoring Requirements for registered and claimed PBRs for the Application Area

This section provides the monitoring and/or recordkeeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

Monitoring Requirement:

Provide the monitoring and/or recordkeeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

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
January 22, 2025	O1971	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512, PROHAC1, PROHAC2	125571	106.261 and 106.262	December 23, 2014
EP035T101, PROHAC2	147495	106.261 and 106.264	August 16, 2017
EP035E701, PROHCLREC	148833	106.261, 106.262, and 106.264	November 22, 2017

EP034ANAL, EP034D202, EP034MNT1, EP034SAT, EP034T304, EP035D202, EP035E701, EP035T101, EP035T304, EP035T310, are not listed in FOP O1971 since there are no potentially applicable regulations.

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
January 22, 2025	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date
EP115T604, EP115T608, EP115T609	106.472	09/04/2000

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
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
January 22, 2025	O1971	RN100219815

PBR No.	Version No./Date
N/A	

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
January 22, 2025	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512, PROHAC1, PROHAC2	106.261 and 106.262	11/01/2003; Registration 125571	Ensure the hourly and annual emissions are less than values represented in PBR Registration 125571 by tracking the amount of crude purchased acetaldehyde introduced into the process on an hourly and monthly basis.
EP035T101, PROHAC2	106.261 and 106.264	11/01/2003 and 09/04/2000; Registration 147495	Ensure the hourly and annual emissions are less than values represented in PBR Registration 147495 by tracking the maximum hourly fill rate and the annual throughput, on a rolling 12-month basis, for EP035T101.
EP035E701, PROHCLREC	106.261, 106.262, and 106.264	11/01/2003 and 09/04/2000; Registration 148833	Ensure the hourly and annual emissions are less than values represented in PBR Registration 148833 by tracking the maximum hourly feed rate and the annual feed rate, on a rolling 12-month basis, for EP035E701.
EP115T604, EP115T608, EP115T609	106.472	09/04/2000	Ensure that the hydrochloric acid storage vessels are vented through a water scrubber at all times as required by 30 TAC, Chapter 106.472(7).



Below is a flowchart describing 40 CFR Part 63, Subpart G: Storage Vessels.

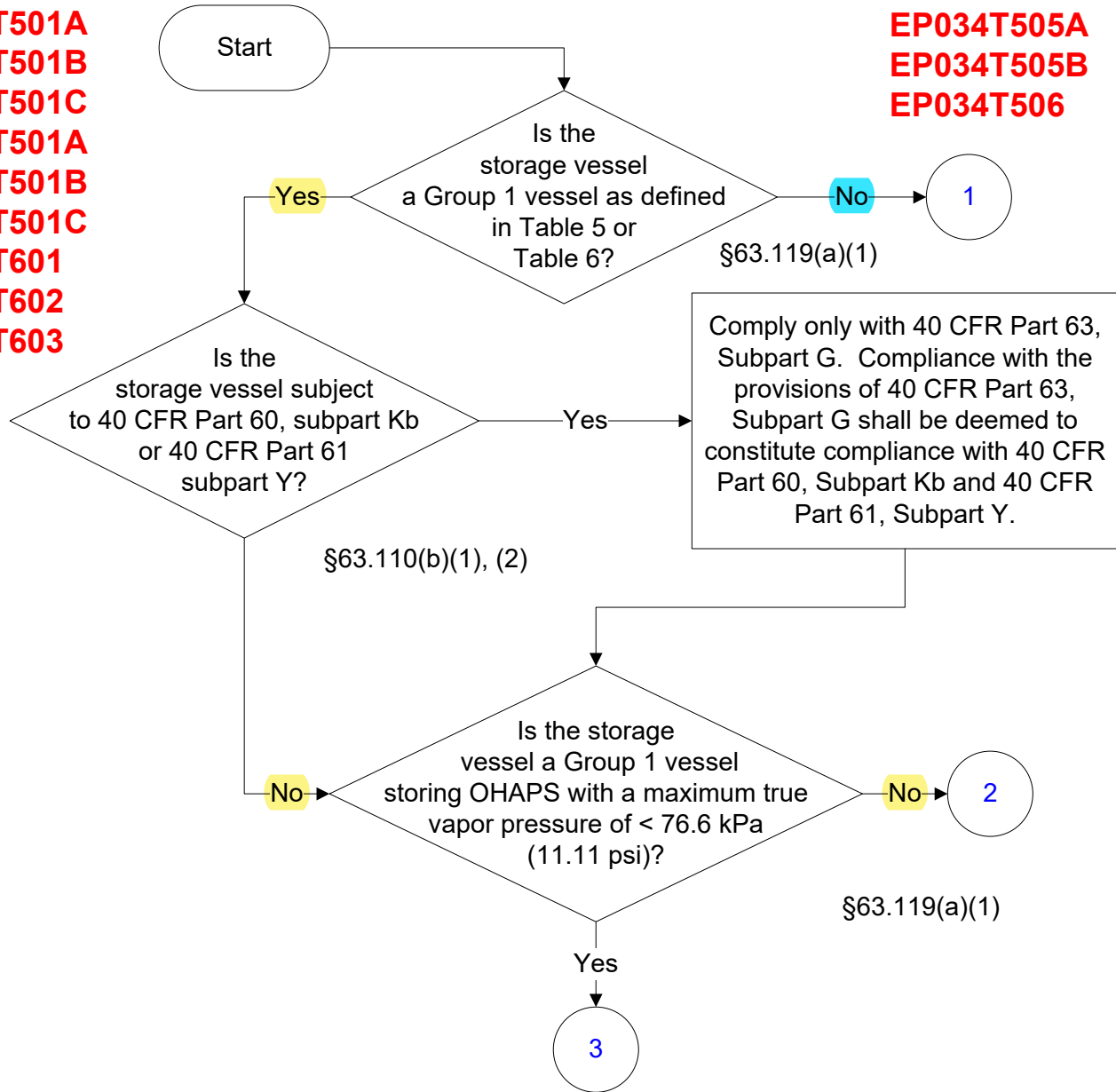
For the text of the statute/rule, please go to

[40 CFR Part 63, Subpart G: Storage Vessels](#)

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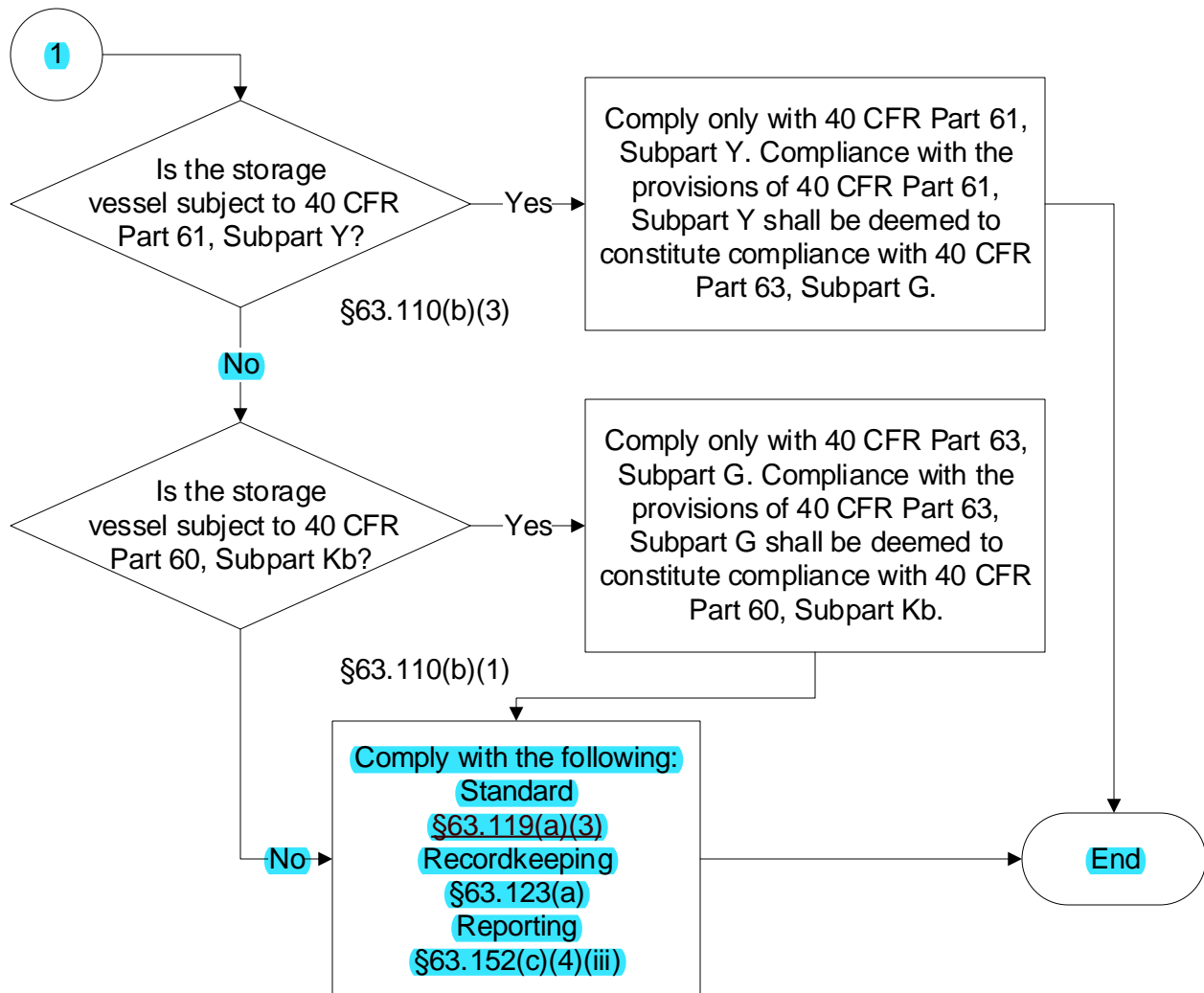
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EP034T506



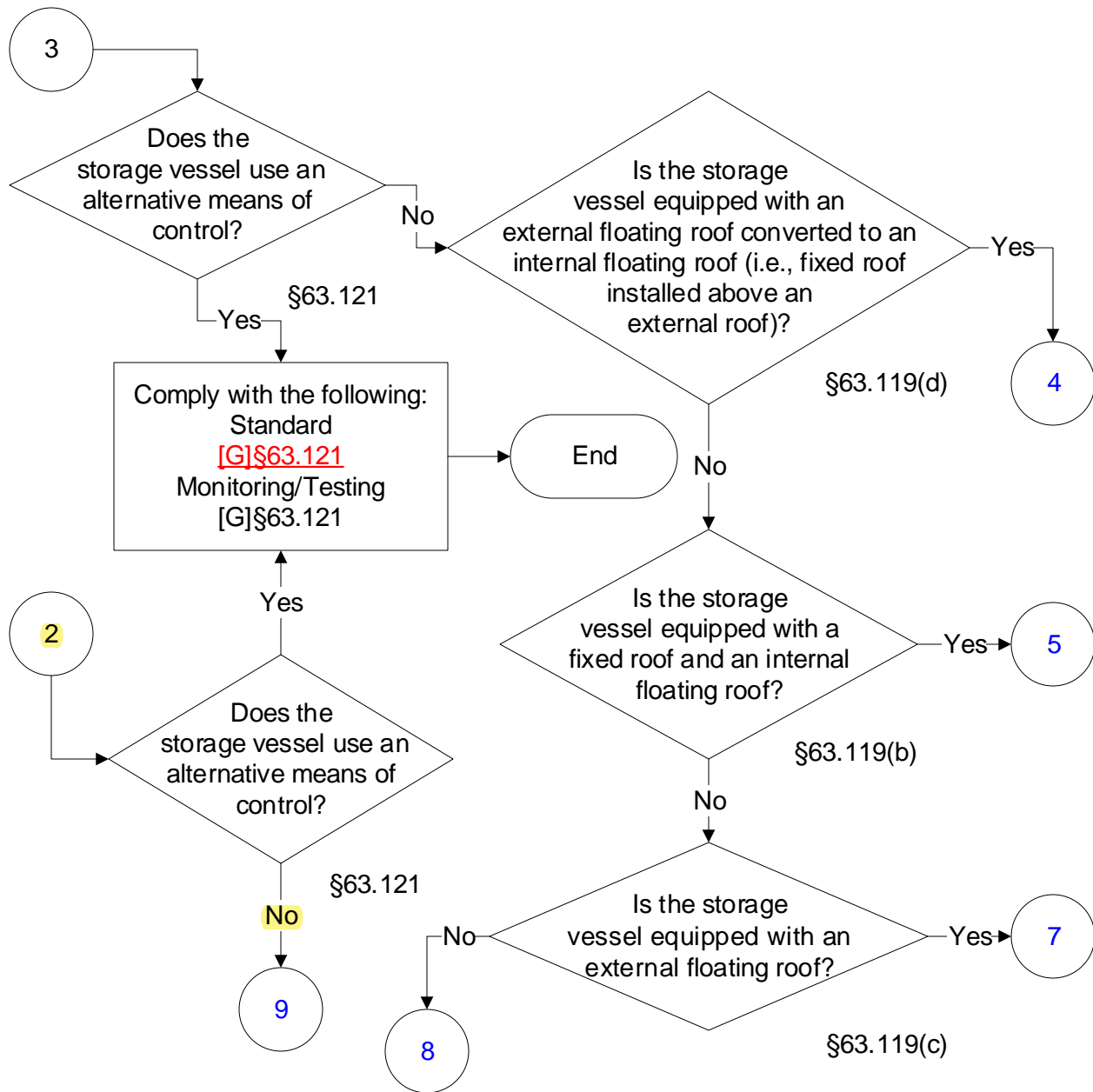
40 CFR Part 63, Subpart G, Storage Vessels

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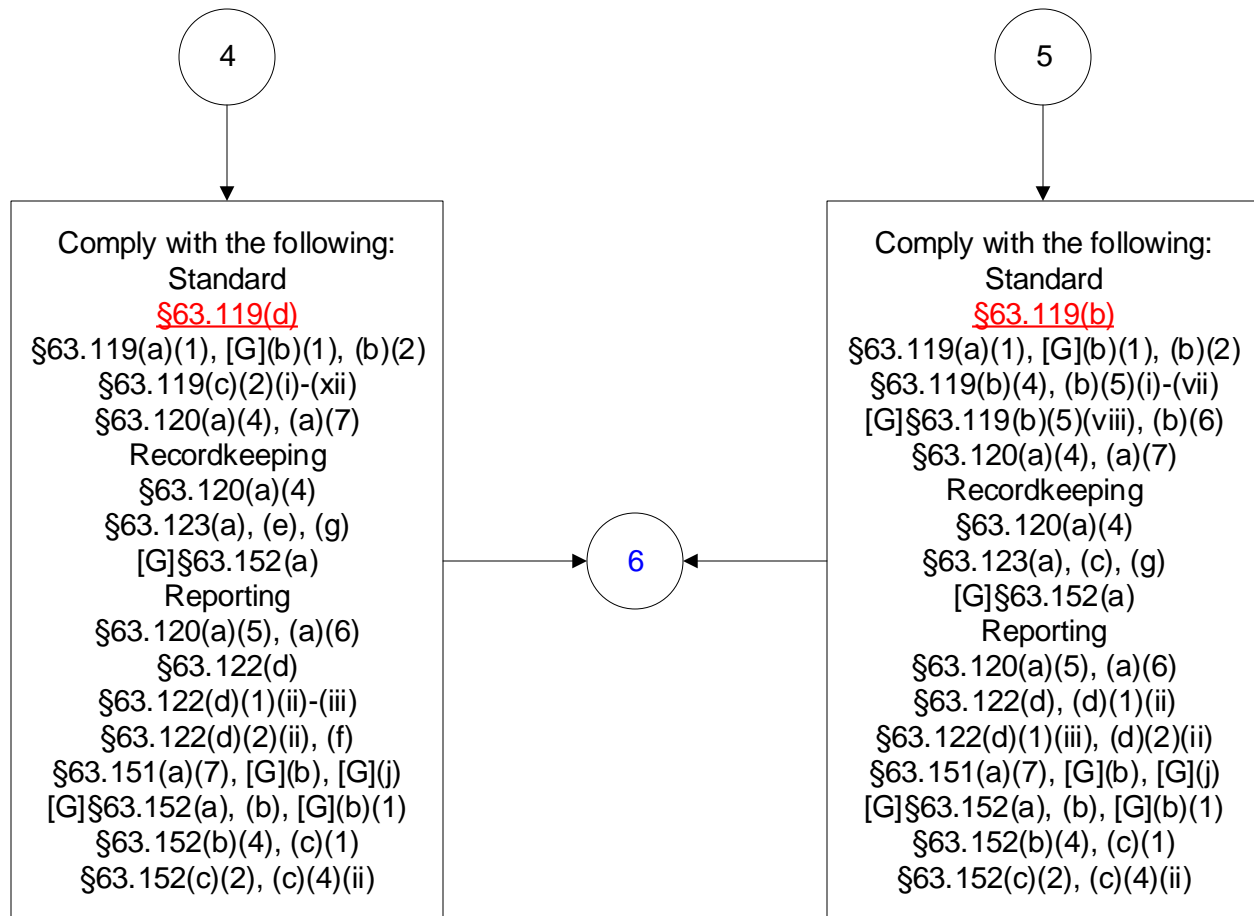
40 CFR Part 63, Subpart G, Storage Vessels

(3 of 20)



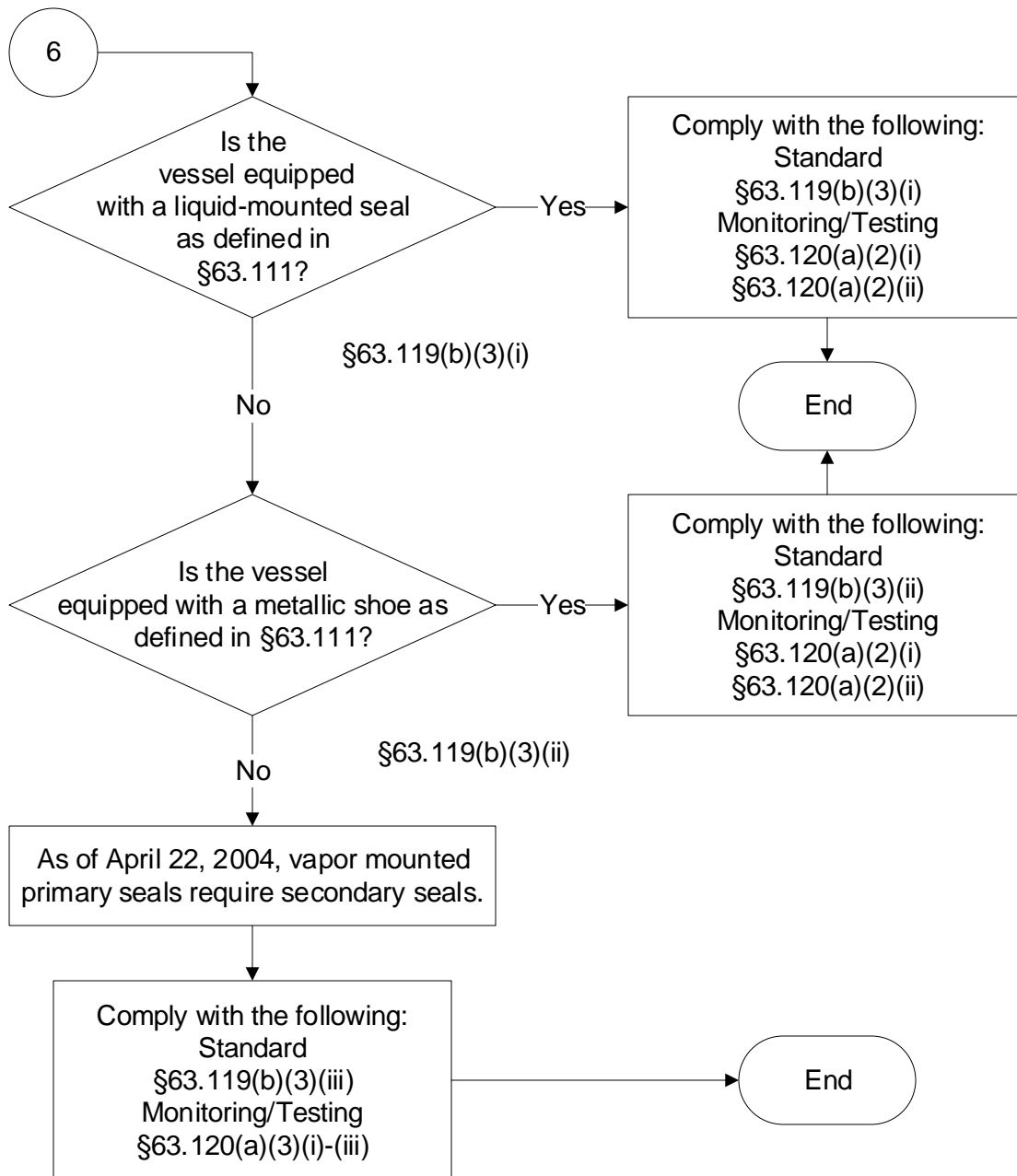
40 CFR Part 63, Subpart G, Storage Vessels

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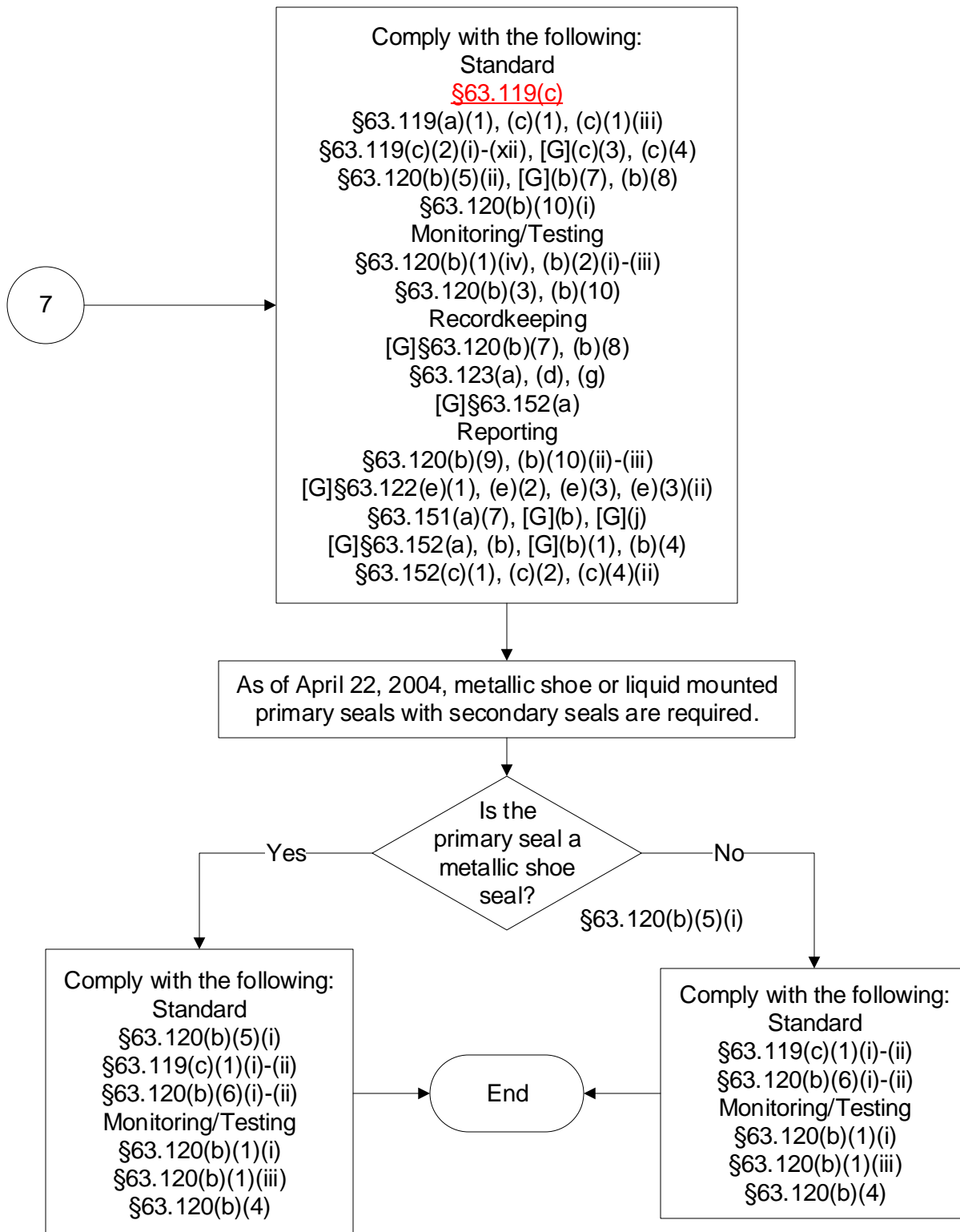
40 CFR Part 63, Subpart G, Storage Vessels

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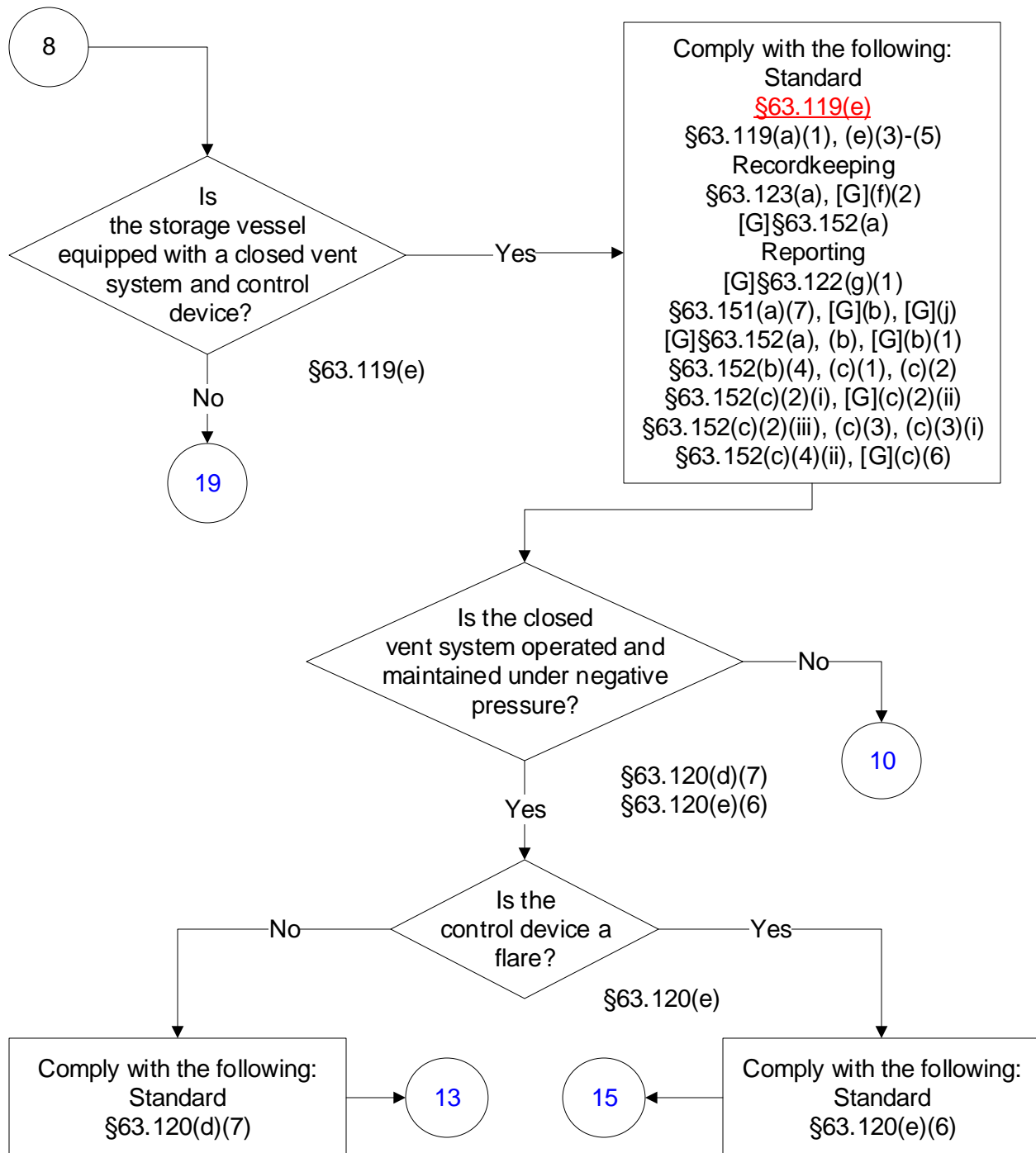
40 CFR Part 63, Subpart G, Storage Vessels

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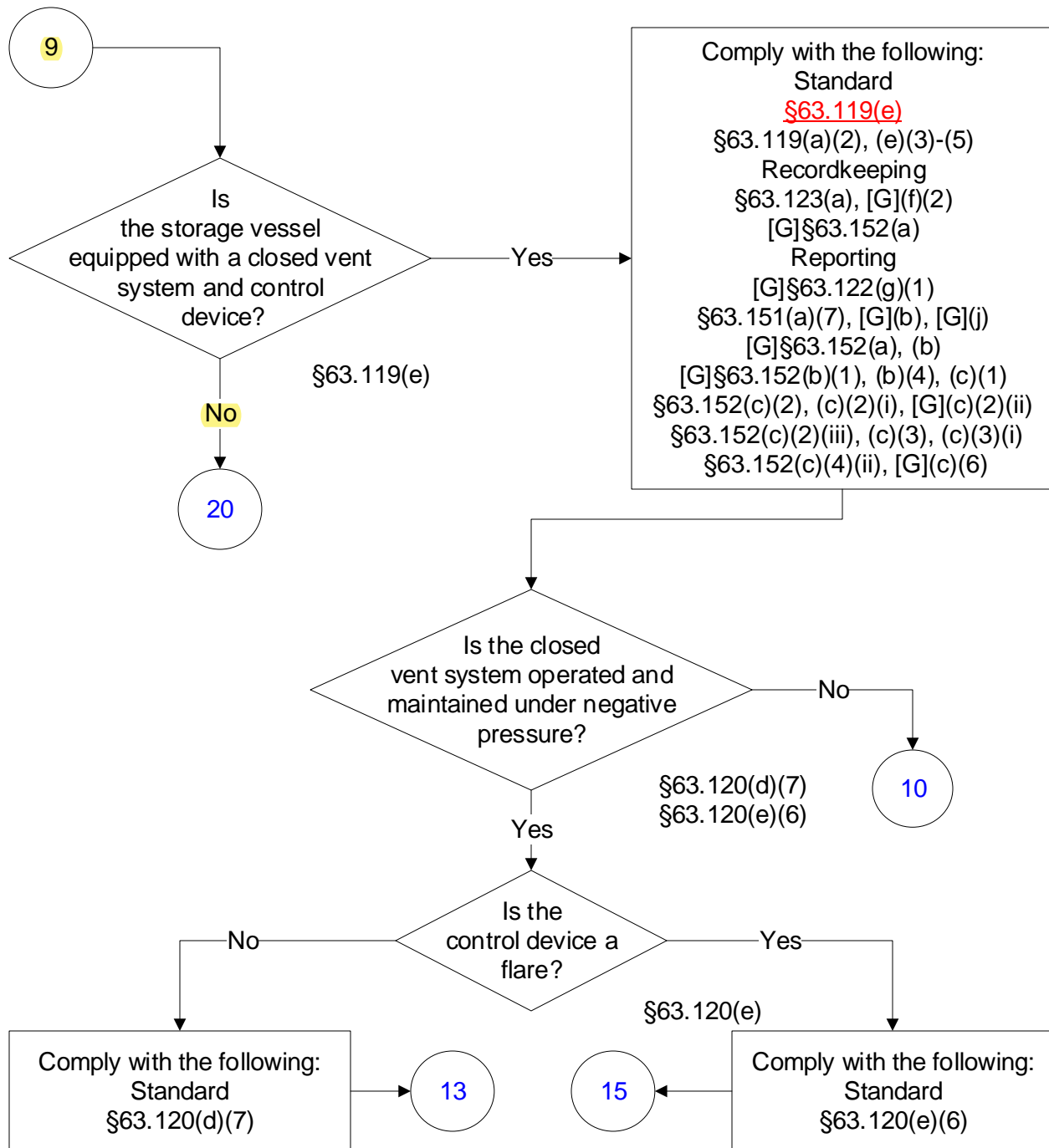
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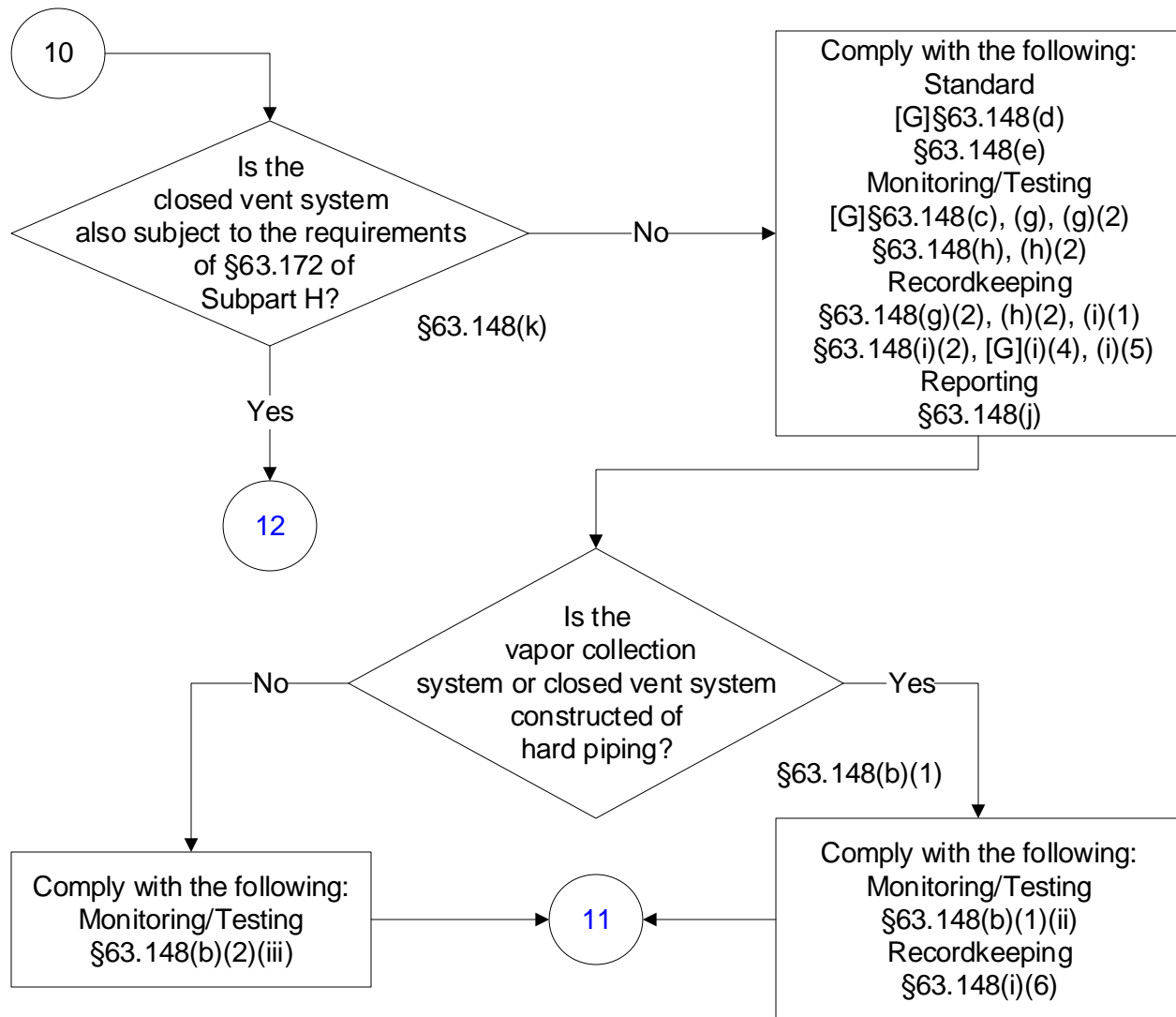
40 CFR Part 63, Subpart G, Storage Vessels

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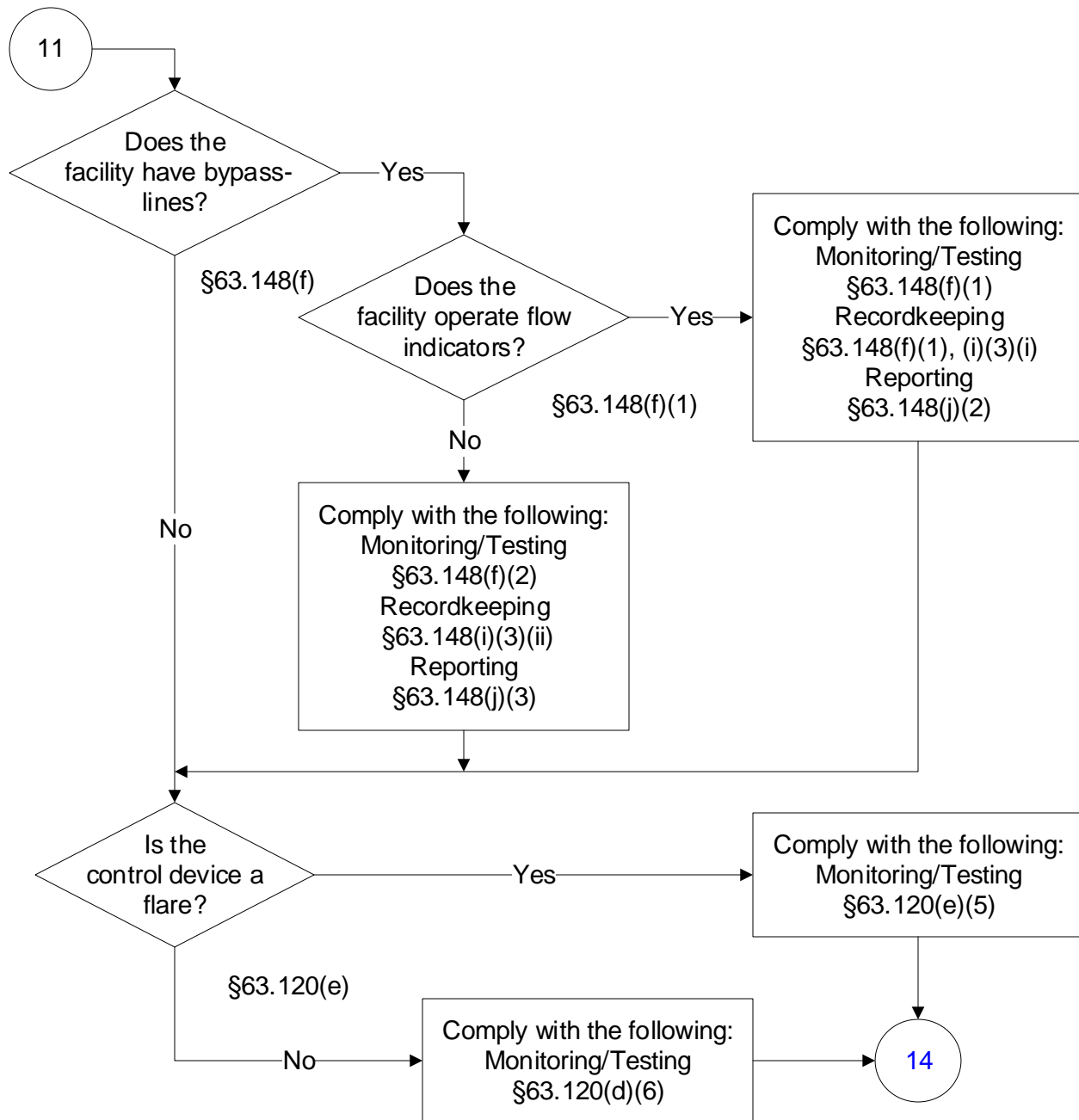
40 CFR Part 63, Subpart G, Storage Vessels

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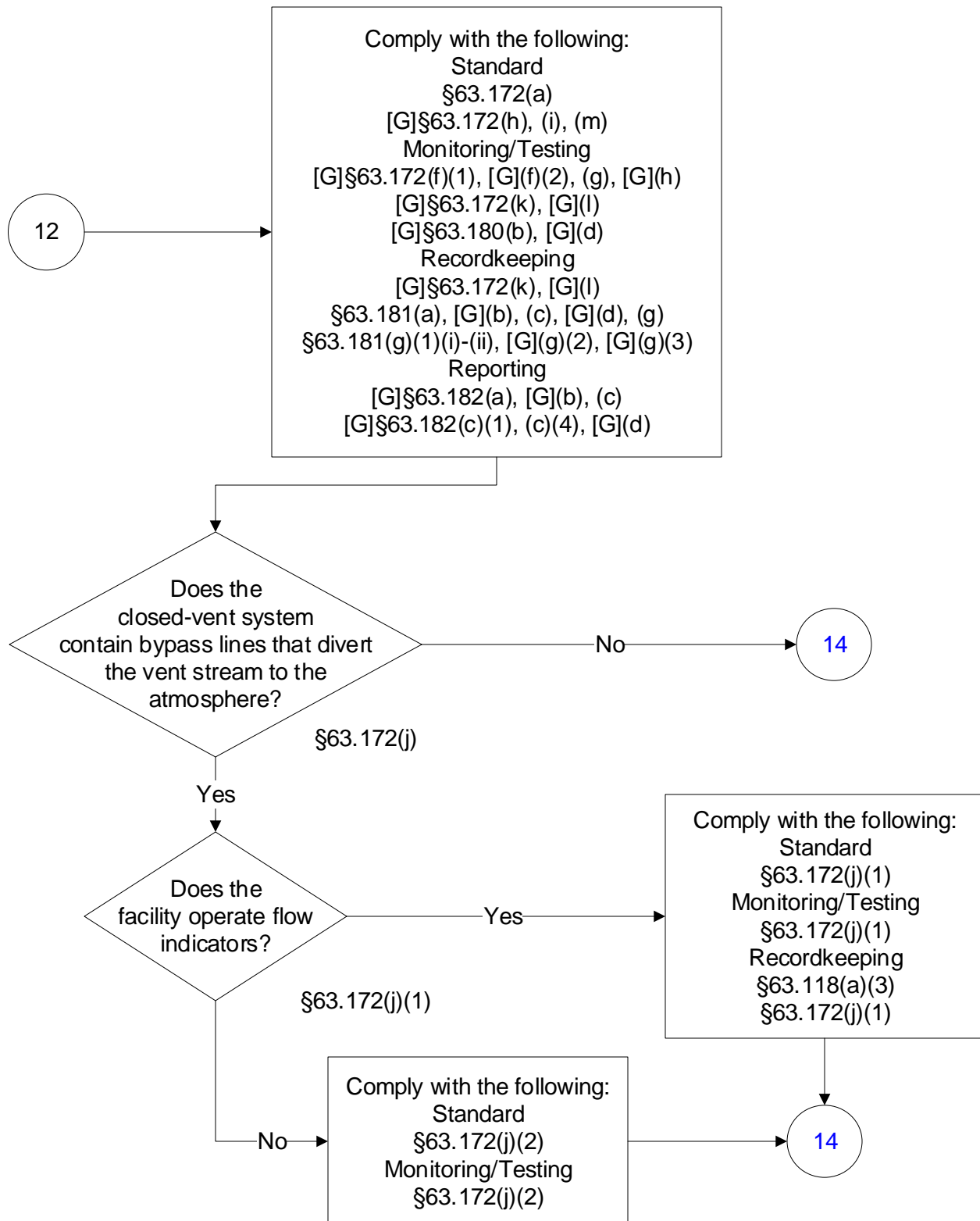
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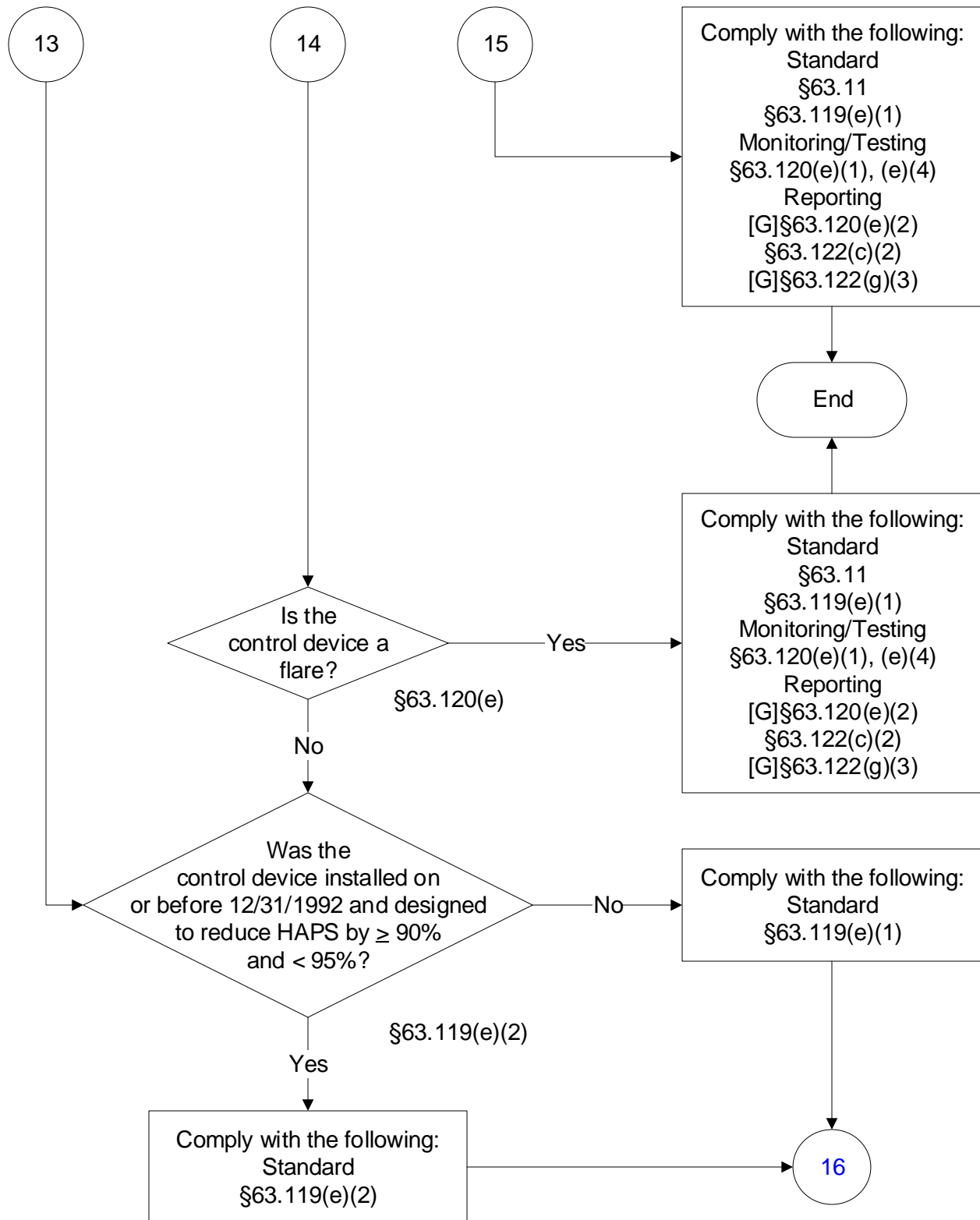
40 CFR Part 63, Subpart G, Storage Vessels

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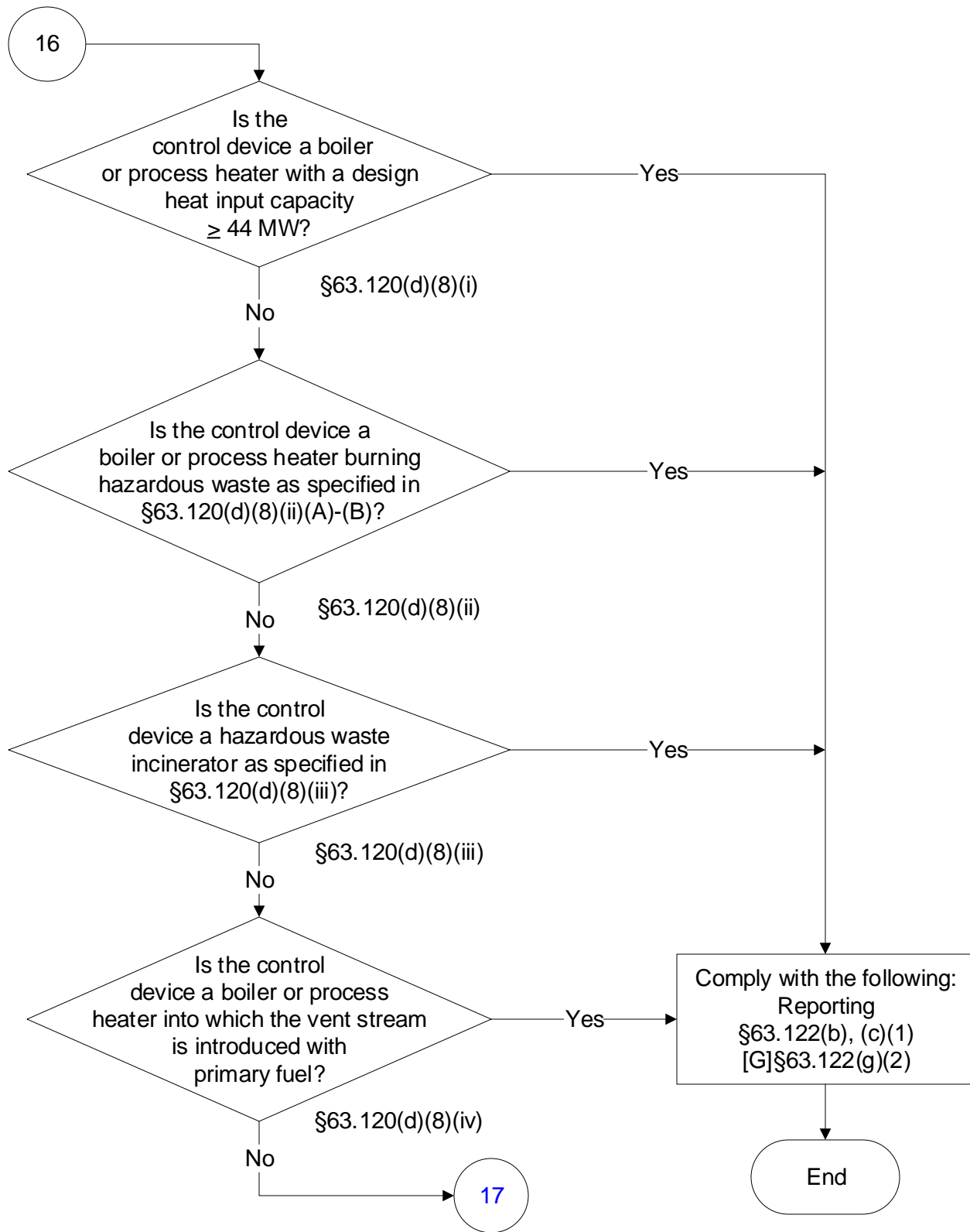
40 CFR Part 63, Subpart G, Storage Vessels

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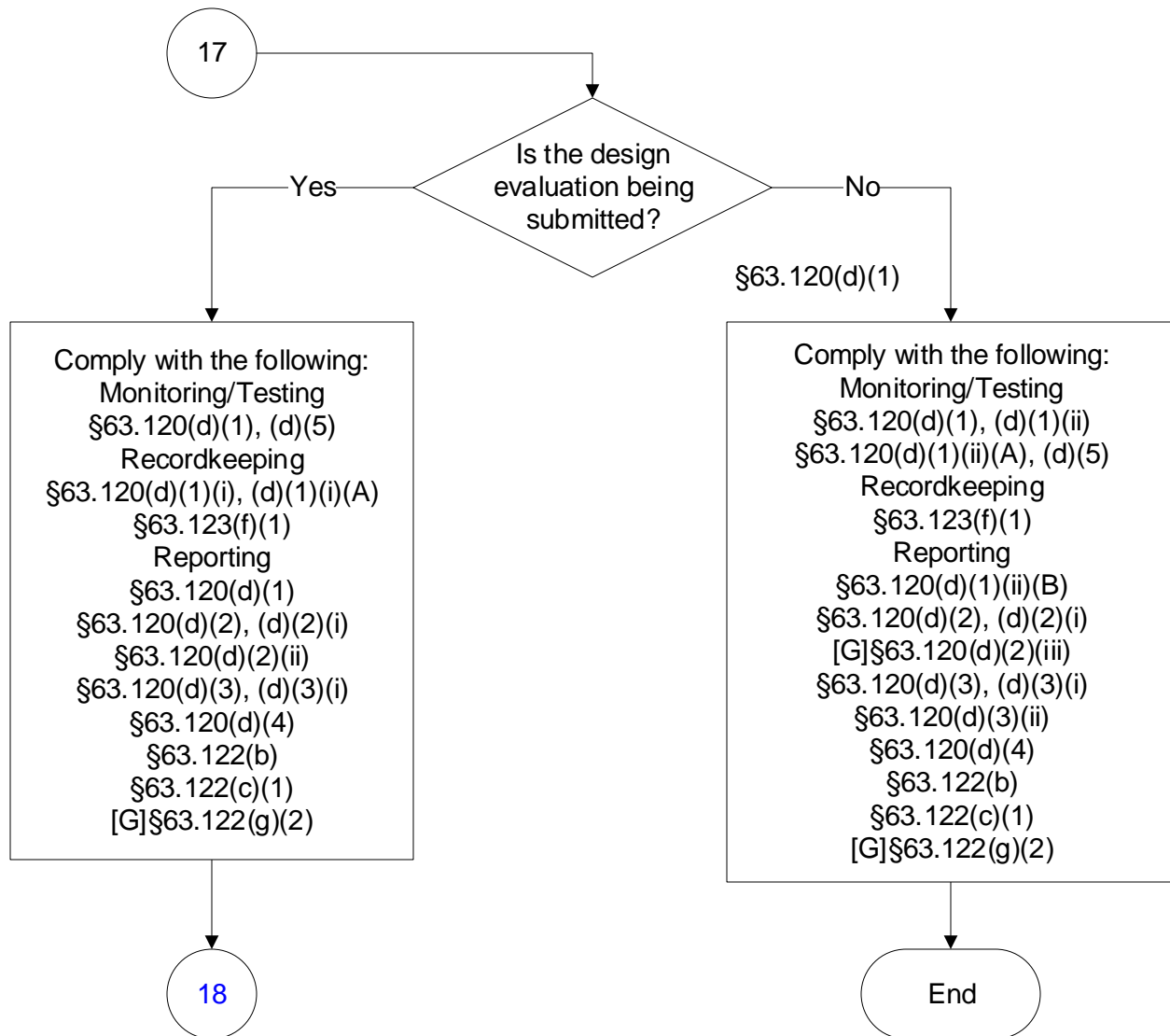
40 CFR Part 63, Subpart G, Storage Vessels

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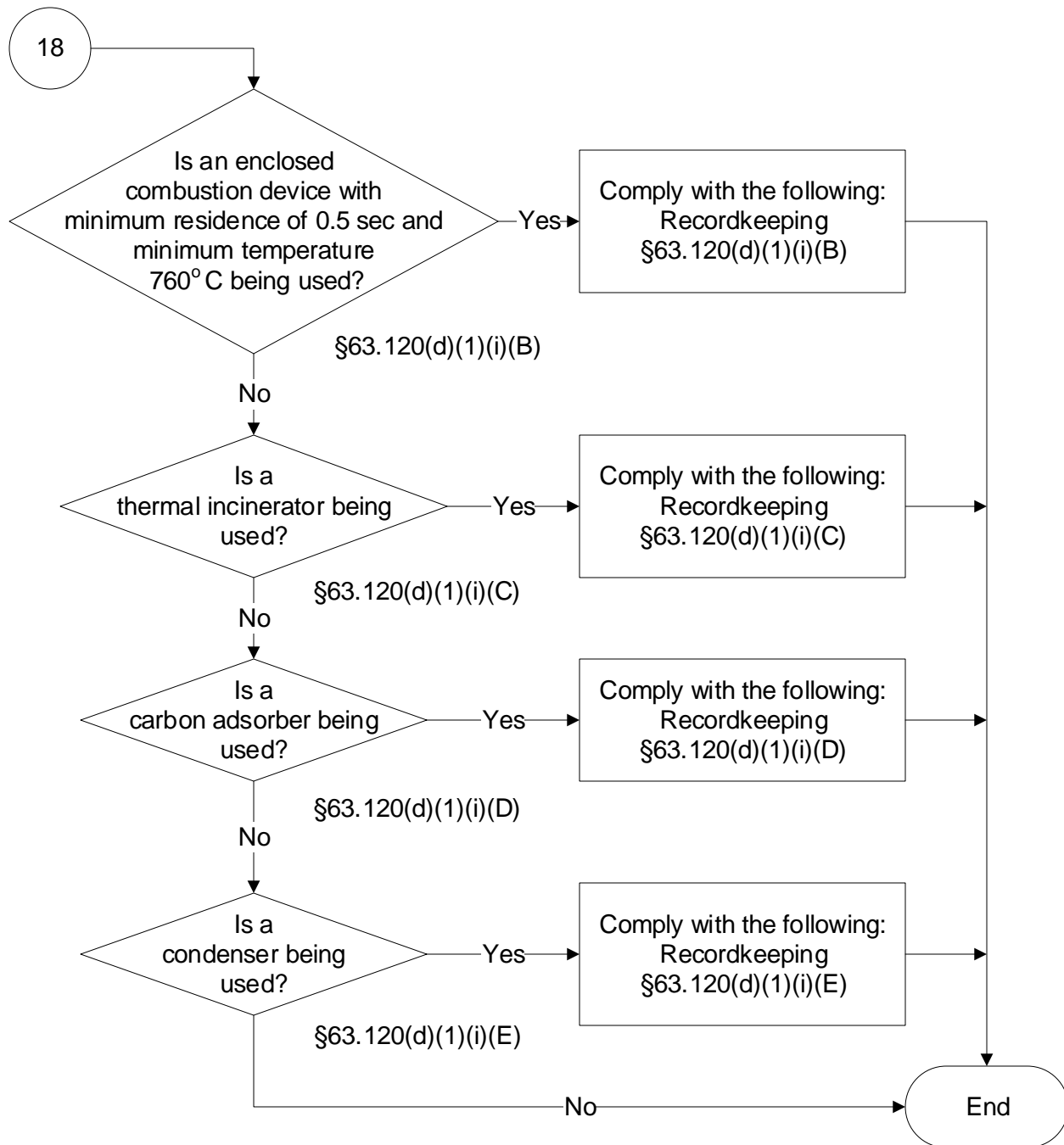
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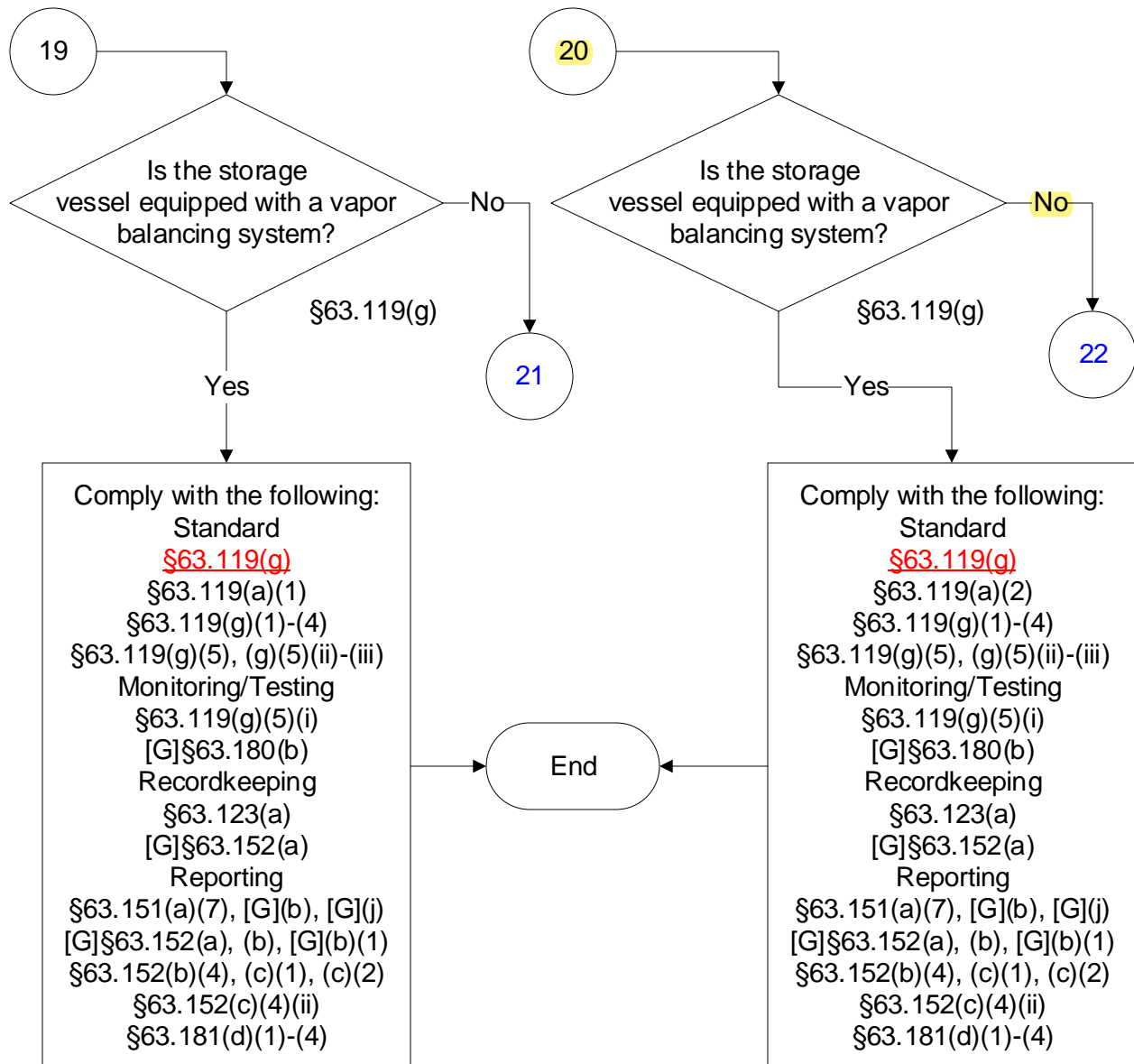
40 CFR Part 63, Subpart G, Storage Vessels

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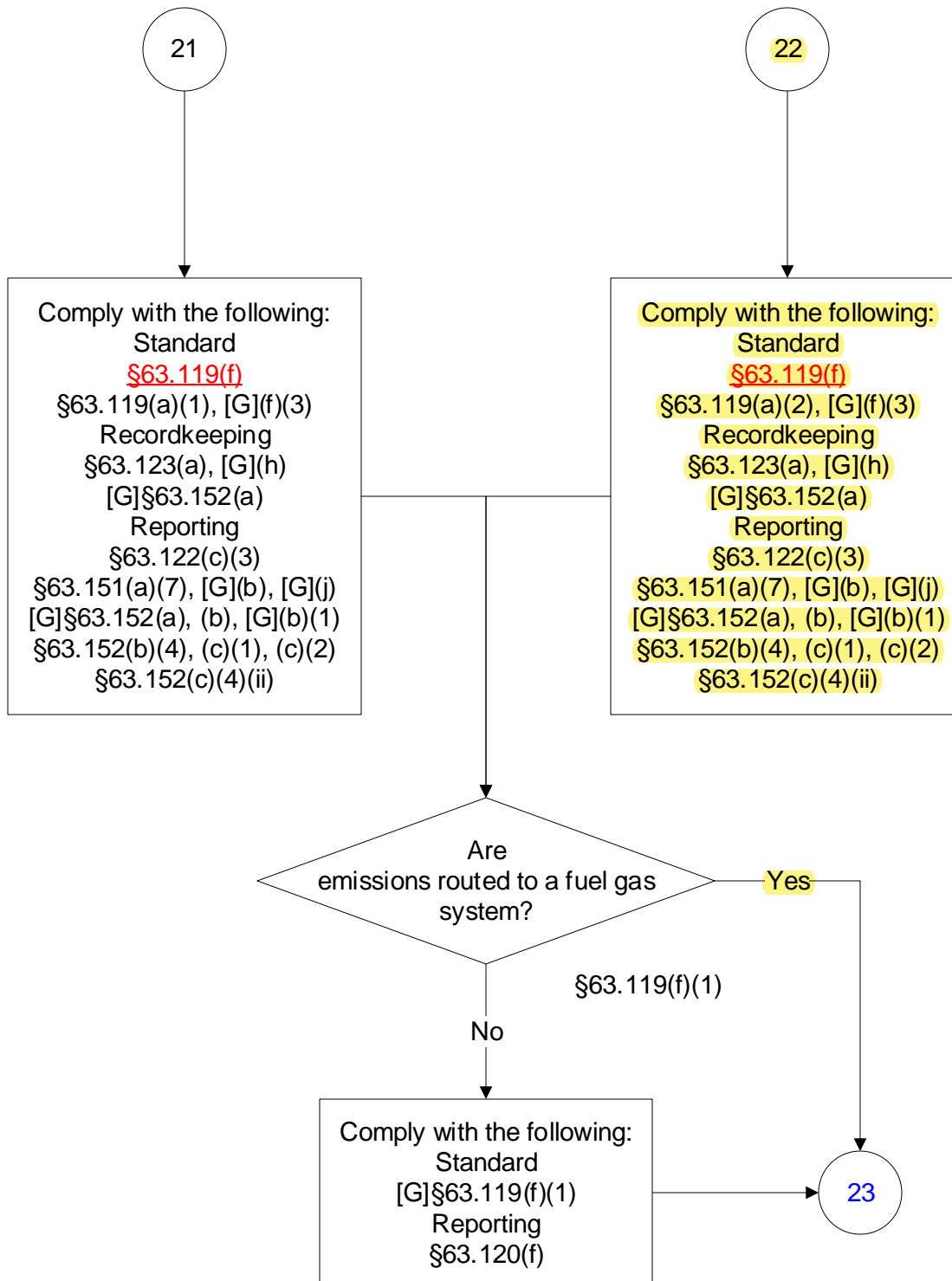
40 CFR Part 63, Subpart G, Storage Vessels

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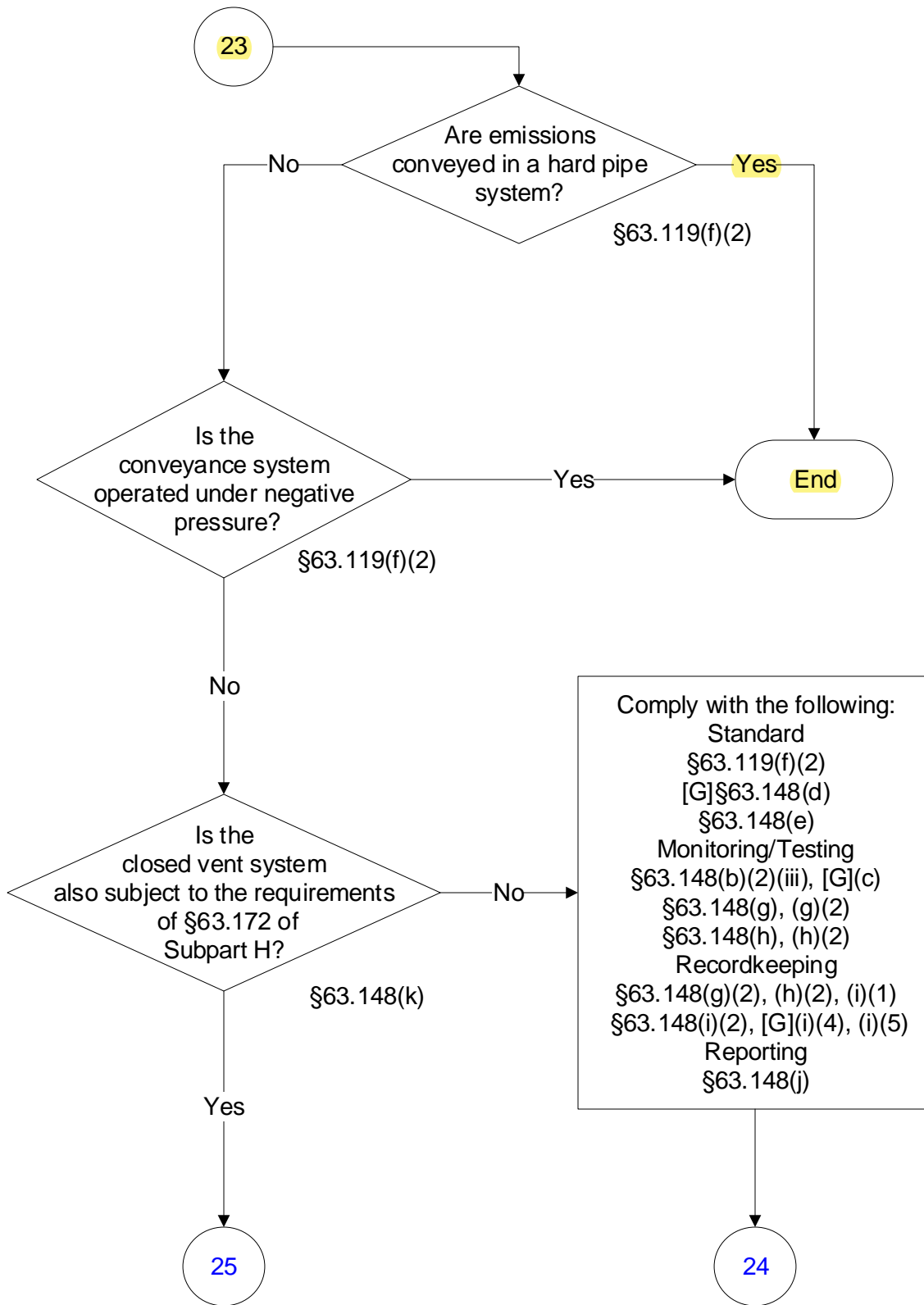
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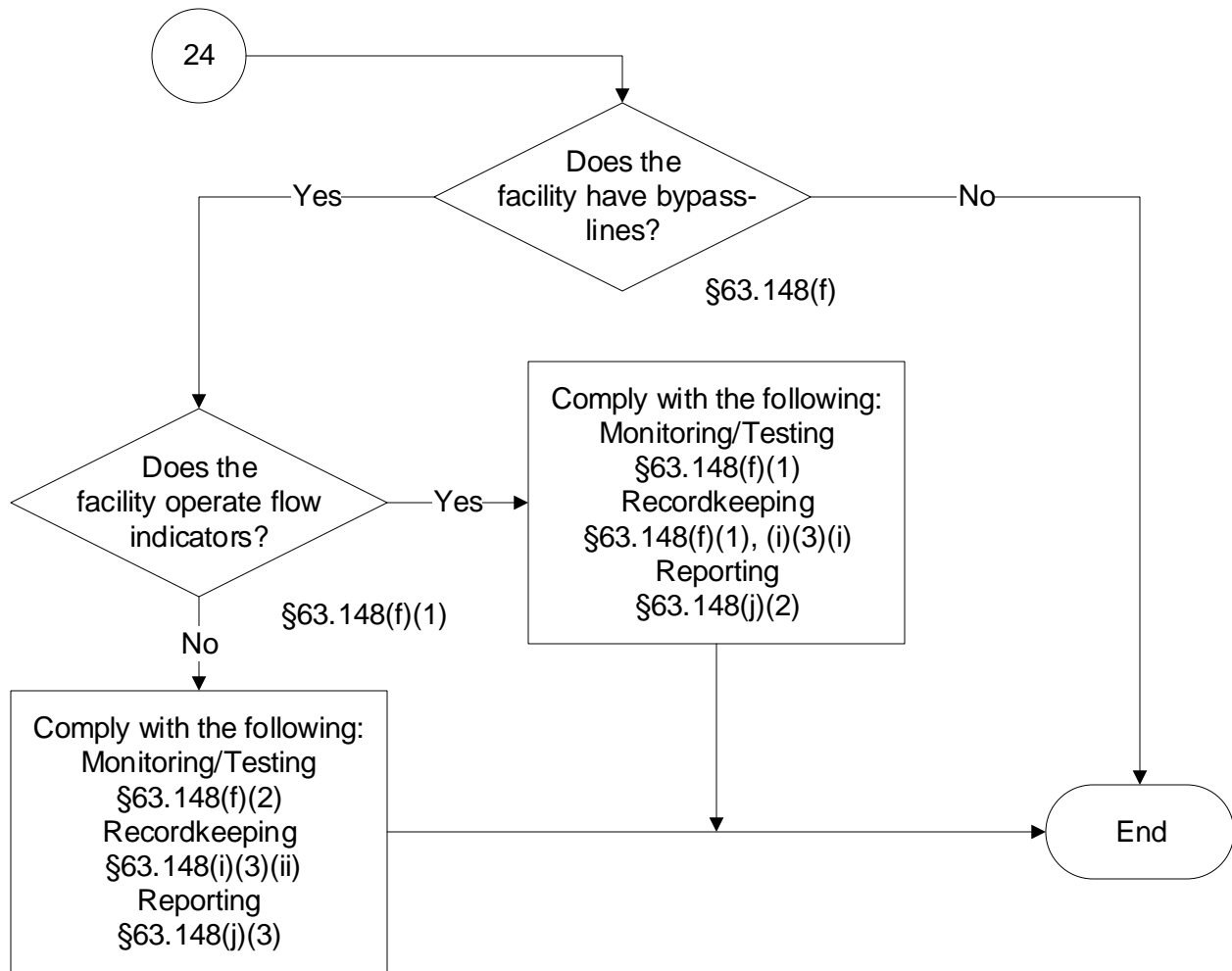
40 CFR Part 63, Subpart G, Storage Vessels

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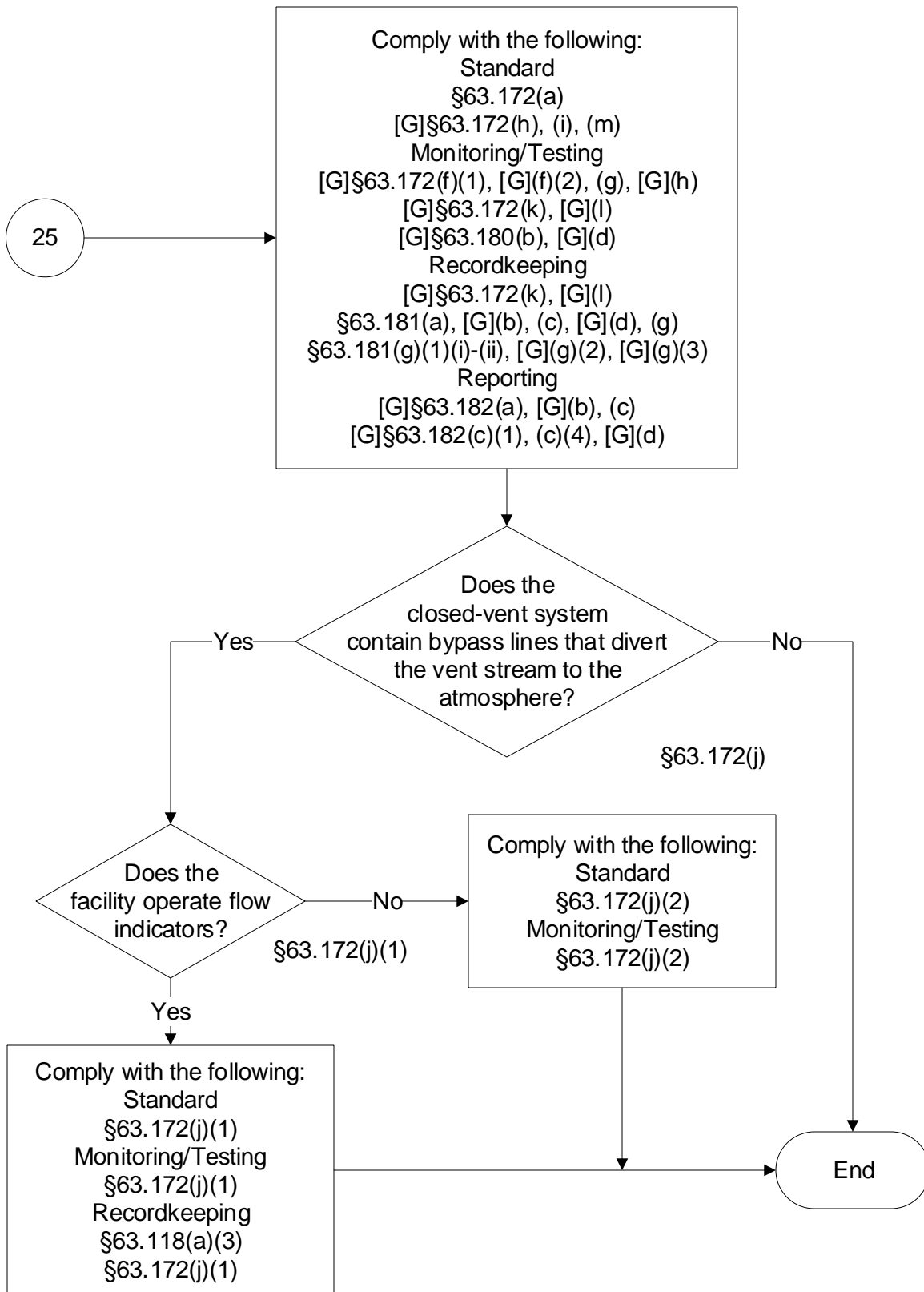
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Form OP-PBRSUP - Instructions
Permits By Rule Supplemental Table
Texas Commission on Environmental Quality

General:

The form is used to provide supplemental information for all Permits by Rule (PBRs) that authorize emission units for a site (or area) subject to the requirements of the Federal Operating Permit (FOP) Program. For emission units identified on Form OP-SUM or Form OP-SUMR, the PBR registration number identified in Section A must also be included on Form OP-SUM or Form OP-SUMR.

The Texas Commission on Environmental Quality (TCEQ) regulated entity reference number (RNXXXXXXXXXX), if assigned, and the application area name from Form OP-1 (Site Information Summary) must appear on the header of each page for purposes of identification for the initial submittal. The date of the initial submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). The date on each table should be revised with any updated submittal provided during the review process. Leave the permit number blank only if the initial form submittal accompanies an initial application. If this form is included as part of the permit renewal or revision process, enter the FOP permit number assigned by the TCEQ, the area name from Form OP-1, the date of the renewal or revision submittal, and the regulated entity reference number. The form OP-PBRSUP should be submitted for any PBR authorization updates with each revision and renewal application.

The TCEQ requires that a Core Data Form be submitted on all incoming applications/registrations unless a regulated entity reference number and customer reference number have been issued by the TCEQ and no core data information has changed. If a regulated entity reference number or customer reference number has been issued, then the number must be noted on the request or applicable form. For more information regarding the Core Data Form, call (512) 239-5175 or go to the TCEQ website at: www.tceq.texas.gov/permitting/central_registry/guidance.html

Specific:

Permits by Rule (30 TAC Chapter 106) for the Application Area

Emission units authorized under the following PBRs and any corresponding historical (pre-March 1997) SEs are required to be listed in sections A, B, and D:

PBR No.	Name or Subject	PBR No.	Name or Subject
106.124	Pilot Plants	106.373	Refrigeration Systems
106.142	Rock Crushers	106.374	Lime Slaking
106.144	Bulk Mineral Handling	106.375	Aqueous Electrolytic
106.145	Bulk Sand Handling	106.376	Decorative Chrome Plating
106.146	Soil Stabilization Plants	106.392	Thermoset Resin
106.147	Asphalt Concrete Plants	106.393	Convey/Storage Plastic/Rubber
106.150	Asphalt Silos	106.395	Plastic/Rubber Mix (No Solvent)
106.181	Used Oil Combustion Units	106.396	Plastic Rubber Mix (Solvent)
106.182	Ceramic Kilns	106.411	Steam or Dry Cleaning Equipment
106.183	Boilers, Heaters, and Other Combustion Units	106.412	Fuel Dispensing
106.221	Extrusion Presses	106.416	Uranium Recovery

PBR No.	Name or Subject	PBR No.	Name or Subject
106.223	Sawmills	106.417	Ethylene Oxide Sterilizers
106.224	Aerospace	106.418	Printing Presses
106.225	Semiconductor	106.419	Photographic Process Equipment
106.226	Coating Manufacturing	106.433	Surface Coat
106.227	Soldering, Brazing, Welding	106.434	Powder Coating Facility
106.231	Wood Products	106.435	Classic or Antique Auto Restoration Facility
106.245	Ethyl Alcohol Facilities	106.436	Auto Body Refinishing
106.261	Facility; Emission Limits	106.452	Dry Abrasive Cleaning
106.262	Facility; Emission/Distance	106.454	Degreasing
106.263	Repairs and Maintenance	106.472	Organic/Inorganic Liquid Loading and Unloading
106.264	Replacements of Facilities	106.473	Organic Liquid Loading and Unloading
106.265	Hand-Held/Manually Operated Machines	106.474	Hydrochloric Acid Storage
106.281	Feed Milling	106.475	Pressure Tank or Vent to Firebox
106.283	Grain Handling	106.476	Pressure Tank or Vent to Control
106.311	Crucible or Pot Furnace	106.477	Anhydrous NH ₃ Storage
106.314	Shell Core and Mold Machines	106.478	Storage Tank and Change Service
106.315	Sand or Investment Molds	106.491	Dual Chamber Incinerators
106.320	Miscellaneous Metallic Treatment	106.492	Flares
106.321	Metal Melting and Holding Furnace	106.493	Direct Flame Incinerators
106.322	Furnace to Reclaim Aluminum or Copper	106.494	Pathological Waste Incinerators
106.332	Chlorine Repackaging	106.495	Heat Cleaning Devices
106.351	Salt Water Disposal	106.496	Air Curtain Incinerators
106.352	Oil and Gas Production	106.511	Portable and Emergency Engines and Turbines

PBR No.	Name or Subject	PBR No.	Name or Subject
106.353	Temporary Oil and Gas Facilities	106.512	Stationary Engines and Turbines
106.354	Iron Sponge Gas-Treating Unit	106.513	Natural Gas-Fired Combined Heat and Power Units
106.355	Pipeline Metering, Purging, and Maintenance	106.532	Water/Wastewater Treatment
106.359	Planned Maintenance, Startup, and Shutdown (MSS) at Oil and Gas Handling and Production Facilities	106.533	Water and Soil Remediation
106.371	Cooling Water Units	106.534	Municipal Solid Waste Landfills and Transfer Stations

A. Registered Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that require registration with the TCEQ.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the registered PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

Registration No.:

Enter the registration number provided by TCEQ upon authorization.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Registration Date:

Enter the date (MM/DD/YYYY) the authorization was issued to the site. This is the date of the PBR authorization letter.

B. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for the Application Area

This section provides all PBR authorized emission units for the application area that are claimed (and not registered).

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

C. Claimed (not registered) Permits by Rule (30 TAC Chapter 106) for Insignificant Sources for the Application Area

This section provides all PBR authorizations for the application area that are not identified in the table above and are considered insignificant sources.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

D. Monitoring Requirements for registered and claimed PBRs for the Application Area

This section provides the monitoring and/or recordkeeping requirements sufficient to demonstrate compliance for the registered and claimed PBRs identified in sections A and B.

Unit ID No.:

Enter the identification number (ID No.) for the emission unit authorized by the PBR (maximum 10 characters). If listed on Form OP-SUM (Individual Unit Summary), the ID No. should match.

PBR No.:

For PBRs (Standard Exemption) authorized before March 14, 1997, enter the selected PBR (Standard Exemption) number, in the space provided (XXX). For PBRs authorized on or after March 14, 1997, enter the selected PBR section number, in the space provided (106.XXX).

Version No./Date:

For a PBR (Standard Exemption) authorized before March 14, 1997, enter the effective date of the PBR (Standard Exemption) under which the PBR was authorized. For a PBR authorized on or after March 14, 1997, enter the effective date of 30 TAC Chapter 106 under which the PBR was authorized. The 30 TAC Chapter 106 effective date can be found in the section of the PBR (MM/DD/YYYY).

Monitoring Requirement:

Provide the monitoring and/or recordkeeping requirements used to demonstrate compliance with the applicable PBR conditions, general requirements of 30 TAC §106.4 or general requirements (if any) in effect at the time of the claim, and any certified registration of emission limits as applicable for the emission units. The specificity of the monitoring and/or recordkeeping requirements is required to be consistent with the [Periodic Monitoring Guidance](#) and include the following:

- Identify one or more indicators of emission control performance for the control device, or the parameter to be monitored if a control device is not utilized. Indicators may include, but are not limited to, direct or predicted emissions (including visible emissions or opacity), control device parameters, process parameters which are correlated to an emission rate through performance testing or AP-42 emission factors, or recorded finding of inspection and maintenance activities conducted by the owner or operator.
- Identify the frequency of conducting the monitoring. The monitoring frequencies should be consistent with the minimum monitoring frequency found in the applicable PM guidance document. For example, control device parameters may be monitored once per week.
- If applicable, identify the period over which discrete data points will be averaged.

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
January 10, 2025	O1971	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512	125571	106.261 and 106.262	December 23, 2014
EP035T101	147495	106.261 and 106.264	August 16, 2017
EP035E701	148833	106.261, 106.262, and 106.264	November 22, 2017

EP034ANAL, EP034D202, EP034MNT1, EP034SAT, EP034T304, EP035D202, EP035E701, EP035T101, EP035T304, EP035T310, are not listed in FOP O1971 since there are no potentially applicable regulations.

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
January 10, 2025	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date
EP115T604, EP115T608, EP115T609	106.472	09/04/2000

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
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
January 10, 2025	O1971	RN100219815

PBR No.	Version No./Date
N/A	

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
January 10, 2025	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512	106.261 and 106.262	11/01/2003; Registration 125571	Ensure the hourly and annual emissions are less than values represented in PBR Registration 125571 by tracking the amount of crude purchased acetaldehyde introduced into the process on an hourly and monthly basis.
EP035T101	106.261 and 106.264	11/01/2003 and 09/04/2000; Registration 147495	Ensure the hourly and annual emissions are less than values represented in PBR Registration 147495 by tracking the maximum hourly fill rate and the annual throughput, on a rolling 12-month basis, for EP035T101.
EP035E701	106.261, 106.262, and 106.264	11/01/2003 and 09/04/2000; Registration 148833	Ensure the hourly and annual emissions are less than values represented in PBR Registration 148833 by tracking the maximum hourly feed rate and the annual feed rate, on a rolling 12-month basis, for EP035E701.
EP115T604, EP115T608, EP115T609	106.472	09/04/2000	Ensure that the hydrochloric acid storage vessels are vented through a water scrubber at all times as required by 30 TAC, Chapter 106.472(7).

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 28, 2024

THE HONORABLE BRYAN HUGHES
TEXAS SENATE
PO BOX 12068
AUSTIN TX 78711-2068

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 36655
Permit Number: O1971
Eastman Chemical Company
C4-acetaldehyde
Longview, Harrison County
Regulated Entity Number: RN100219815
Customer Reference Number: CN601214406

Dear Senator Hughes:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.701944,32.439444&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 Bryan Hughes
Page 2
May 28, 2024

Re: Accepted Federal Operating Permit Renewal Application

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line extending to the right.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

May 28, 2024

THE HONORABLE JAY DEAN
TEXAS HOUSE OF REPRESENTATIVES
PO BOX 2910
AUSTIN TX 78768-2910

Re: Accepted Federal Operating Permit Renewal Application
Project Number: 36655
Permit Number: O1971
Eastman Chemical Company
C4-acetaldehyde
Longview, Harrison County
Regulated Entity Number: RN100219815
Customer Reference Number: CN601214406

Dear Representative Dean:

This letter notifies you that the Texas Commission on Environmental Quality has received a federal operating permit (FOP) renewal application for a site located in your district. As part of this permitting process, the applicant is required to publish a formal newspaper public notice. The notice will inform the public of their right to make comments or request a public hearing. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For exact location, refer to application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-94.701944,32.439444&level=13>.

The FOP program regulates both new and existing major sources of emissions. The goal of the program is to improve air quality in Texas through increased compliance by codifying existing applicable regulatory requirements into the FOP. The FOP provides the applicant authorization to operate the equipment at the site.

This letter is being sent to you for information only and no action is required. If you need further information, please contact me at (512) 239-1250.

Sincerely,

A handwritten signature in black ink, appearing to read "Samuel Short", followed by a long horizontal line.

Samuel Short, Deputy Director
Air Permits Division
Office of Air
Texas Commission on Environmental Quality

EASTMAN CHEMICAL COMPANY
RENEWAL APPLICATION FOR PERMIT O1971
TABLE OF CONTENTS

<u>Form</u>	<u>Title</u>
OP-1	Site Information Summary
OP-2	Application for Permit Revision/Renewal
OP-SUMR	Individual Unit Summary for Revisions
OP-UA3	Storage Tank/Vessel Attributes
OP-UA5	Process Heater/Furnace Attributes
OP-UA12	Fugitive Unit Attributes
OP-UA15	Emission Point/Stationary Vent Unit Attributes
OP-UA58	Treatment Process Attributes
OP-UA60	Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
OP-REQ1	Application Area-Wide Applicability Determinations
OP-REQ2	Negative Applicable Requirement Determinations
OP-REQ3	Applicable Requirements Summary
OP-ACPS	Application Compliance Plan and Schedule
OP-PBRSUP	Permit By Rule Supplemental Table
N/A	EPA Approved Alternative Monitoring Application (AMA)
N/A	TCEQ Approved Alternative Monitoring Application (AMA)

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

Date:				Regulated Entity No: HH0042M			Permit No: O1971	
Company Name: EASTMAN CHEMICAL COMPANY				Area Name: C4 - Acetaldehyde				
Revision No.	Unit/Group/Proces IDNo	Unit/Group/Proces FD# Applicable Form	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code	
	EP034FG1	OP-UA12 1068	63H-0001	HAPS	MACT H	[G]63.163 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171 [G]63.176		
	EP034FG1	OP-UA12 1068	63H-0001	HAPS	MACT H	[G]63.165 63.162(a) 63.162(c) [G]63.162(g) 63.162(h) [G]63.171		
	EP034FG1	OP-UA12 1068	63H-0001	HAPS	MACT H	[G]63.166 63.162(a) 63.162(c) [G]63.162(g) 63.162(h) [G]63.171		

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	[G]63.167 63.162(a) 63.162(c) [G]63.162(g) 63.162(h) [G]63.171 [G]63.175	
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	[G]63.168 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171 [G]63.175	
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	63.170 63.162(a) 63.162(c) [G]63.162(g) 63.162(h) [G]63.171	
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	63.172(a)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							[G]63.172(h) 63.172(i) 63.172(m)	
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	63.172(b) 63.172(e) [G]63.172(h) 63.172(m)	
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	[G]63.174 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	[G]63.169 63.162(a) 63.162(c) [G]63.162(f)	1

Revision No.	Unit/Group/Process ID No	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							[G]63.162(g) 63.162(h) [G]63.171	
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	[G]63.169 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	2
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	[G]63.169 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	3
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	[G]63.169 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g) 63.162(h) [G]63.171	5
	EP034FG1	OP-UA12	1068	63H-0001	HAPS	MACT H	[G]63.169 63.162(a) 63.162(c) [G]63.162(f) [G]63.162(g)	6

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							[G]63.162(g) 63.162(h) [G]63.171	
	EP034R101	OP-UA15	2816	63G-0001	HAPS	MACT G	63.113(d) [G]63.115(f)	
	EP034T501A	OP-UA03	1049	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							[G]63.119(f)(3)	
	EP034T501B	OP-UA03	1207	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2) [G]63.119(f)(3)	
	EP034T501C	OP-UA03	1208	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2) [G]63.119(f)(3)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	EP034T505A	OP-UA03	1198	63G-0018	HAPS	MACT G	63.119(a)(3)	
	EP034T505B	OP-UA03	1199	63G-0018	HAPS	MACT G	63.119(a)(3)	
	EP034T506	OP-UA03	1200	63G-0018	HAPS	MACT G	63.119(a)(3)	
	EP034T511	OP-UA03	1050	61FF-0001	BENZENE	NESHAPS FF	61.343(a)(1) 61.340(d) 61.343(a)(1)(i)(A) 61.343(a)(1)(i)(B) 61.343(c) 61.343(d)	
	EP034T511	OP-UA03	2841	61FF-0002	BENZENE	NESHAPS FF	61.343(a)(1) 60.18 61.343(a)(1)(i)(A) 61.343(a)(1)(i)(B) 61.343(c) 61.343(d) 61.349(a) 61.349(a)(1)(i) 61.349(a)(1)(iii) 61.349(a)(1)(iv) 61.349(b) 61.349(e) 61.349(f) 61.349(g)	
	EP034T516	OP-UA03	3653	61FF-0001	BENZENE	NESHAPS FF	61.343(a)(1) 61.340(d) 61.343(a)(1)(i)(A)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							61.343(a)(1)(i)(B) 61.343(c) 61.343(d)	
	EP034T516	OP-UA03	3654	61FF-0002	BENZENE	NESHAPS FF	61.343(a)(1) 60.18 61.343(a)(1)(i)(A) 61.343(a)(1)(i)(B) 61.343(c) 61.343(d) 61.349(a) 61.349(a)(1)(i) 61.349(a)(1)(iii) 61.349(a)(1)(iv) 61.349(b) 61.349(e) 61.349(f) 61.349(g)	
	EP034T517	OP-UA03	1215	61FF-0001	BENZENE	NESHAPS FF	61.343(a)(1) 61.340(d) 61.343(a)(1)(i)(A) 61.343(a)(1)(i)(B) 61.343(c) 61.343(d)	
	EP034T517	OP-UA03	2842	61FF-0002	BENZENE	NESHAPS FF	61.343(a)(1) 60.18 61.343(a)(1)(i)(A) 61.343(a)(1)(i)(B) 61.343(c) 61.343(d) 61.349(a)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							61.349(a)(1)(i) 61.349(a)(1)(iii) 61.349(a)(1)(iv) 61.349(b) 61.349(e) 61.349(f) 61.349(g)	
	EP035R101	OP-UA15	2817	63G-0001	HAPS	MACT G	63.113(d) [G]63.115(f)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	EP035T501A	OP-UA03	1212	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2) [G]63.119(f)(3)	
	EP035T501B	OP-UA03	1213	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2) [G]63.119(f)(3)	
	EP035T501C	OP-UA03	1214	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2) [G]63.119(f)(3)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	EP103T601	OP-UA03	1209	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2) [G]63.119(f)(3)	
	EP103T602	OP-UA03	1210	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2) [G]63.119(f)(3)	
	EP115T603	OP-UA03	1211	63G-0013	HAPS	MACT G	63.119(f) 63.119(a)(2) [G]63.119(f)(3)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	EP115T604	OP-UA60	3657	63FFFF-0001	HAPS	MACT FFFF	63.2460(a) 63.2450(b) 63.2460(b)	
	PROHAC1	OP-UA60	1062	63F-0001	HAPS	MACT H	63.100(b) [G]63.102(a) [G]63.102(c) 63.104(a) [G]63.104(d) 63.104(e) 63.104(e)(1) [G]63.104(e)(2) 63.105(d)	
	PROHAC2	OP-UA60	1242	63F-0002	HAPS	MACT H	63.100(b) [G]63.102(a) [G]63.102(c) 63.104(a) [G]63.104(d) 63.104(e) 63.104(e)(1) [G]63.104(e)(2)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							63.105(d)	
	PROHCLREC	OP-UA05	3641	63EEE-0001	AR, BE, AND CR	MACT EEE		
							63.1218(a)(4) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(i) 63.1206(c)(6)(ii) [G]63.1206(c)(6)(iv) [G]63.1206(c)(6)(v) [G]63.1206(c)(6)(vi) [G]63.1206(c)(7) 63.1207(g)(1)(iii)(A) [G]63.1207(k) [G]63.1207(l)(1) [G]63.1207(m)(1) [G]63.1207(m)(2) 63.1207(m)(3) 63.1209(c)(1) [G]63.1209(c)(2) [G]63.1209(d) 63.1209(i) 63.1209(n) 63.1209(n)(1) [G]63.1209(n)(5) 63.1209(p) [G]63.1209(q) 63.1211(c)(1) 63.1211(c)(2) 63.1211(c)(4) 63.1218(d)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	PROHCLREC	OP-UA05	3641	63EEE-0001	CD AND PB	MACT EEE	63.1218(a)(3) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD# SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
						63.1206(c)(6)(i) 63.1206(c)(6)(ii) [G]63.1206(c)(6)(iv) [G]63.1206(c)(6)(v) [G]63.1206(c)(6)(vi) [G]63.1206(c)(7) 63.1207(g)(1)(iii)(A) [G]63.1207(k) [G]63.1207(l)(1) [G]63.1207(m)(1) [G]63.1207(m)(2) 63.1207(m)(3) 63.1209(c)(1) [G]63.1209(c)(2) [G]63.1209(d) 63.1209(i) 63.1209(n) 63.1209(n)(1) [G]63.1209(n)(5) 63.1209(p) [G]63.1209(q) 63.1211(c)(1) 63.1211(c)(2) 63.1211(c)(4) 63.1218(d)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	PROHCLREC	OP-UA05	3641	63EEE-0001	DIOXINS-FURANS	MACT EEE	63.1218(a)(1) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(i) 63.1206(c)(6)(ii) [G]63.1206(c)(6)(iv) [G]63.1206(c)(6)(v) [G]63.1206(c)(6)(vi) [G]63.1206(c)(7) 63.1207(g)(1)(iii)(A) [G]63.1207(k) [G]63.1207(l)(1)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD# SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
						[G]63.1207(l)(2) 63.1209(c)(1) [G]63.1209(c)(2) [G]63.1209(d) 63.1209(i) 63.1209(k) 63.1209(k)(1)(i) 63.1209(k)(2)(i) 63.1209(k)(2)(ii) [G]63.1209(k)(3) [G]63.1209(k)(4) 63.1209(k)(5) [G]63.1209(k)(6) [G]63.1209(k)(7) [G]63.1209(k)(8) [G]63.1209(k)(9) 63.1209(p) [G]63.1209(q) 63.1211(c)(1) 63.1211(c)(2) 63.1211(c)(4) 63.1218(a)(5)(ii) 63.1218(d)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	PROHCLREC	OP-UA05	3641	63EEE-0001	MERCURY	MACT EEE	63.1218(a)(2) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(i) 63.1206(c)(6)(ii) [G]63.1206(c)(6)(iv) [G]63.1206(c)(6)(v) [G]63.1206(c)(6)(vi) [G]63.1206(c)(7) 63.1207(g)(1)(iii)(A) [G]63.1207(k) [G]63.1207(l)(1) [G]63.1207(m)(1) [G]63.1207(m)(2) 63.1207(m)(3) 63.1209(c)(1) [G]63.1209(c)(2) [G]63.1209(d) 63.1209(i) 63.1209(p)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							[G]63.1209(q) 63.1211(c)(1) 63.1211(c)(2) 63.1211(c)(4) 63.1218(d)	
	PROHCLREC	OP-UA05	3641	63EEE-0001	PM	MACT EEE	63.1218(a)(7)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD# SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
						[G]63.1206(b)(5) 63.1206(b)(8)(v) 63.1206(b)(8)(vi) 63.1206(b)(8)(vii) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(i) 63.1206(c)(6)(ii) [G]63.1206(c)(6)(iv) [G]63.1206(c)(6)(v) [G]63.1206(c)(6)(vi) [G]63.1206(c)(7) 63.1207(g)(1)(iii)(A) [G]63.1207(k) [G]63.1207(l)(1) 63.1209(c)(1) [G]63.1209(c)(2) [G]63.1209(d) 63.1209(i) 63.1209(m) [G]63.1209(m)(1)(i) [G]63.1209(m)(1)(iv) [G]63.1209(m)(2) 63.1209(n)(3) 63.1209(p) [G]63.1209(q) 63.1211(c)(1) 63.1211(c)(2) 63.1211(c)(4) 63.1218(d)	

Revision No.	Unit/Group/Process ID No	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	PROHCLREC	OP-UA05	3641	63EEE-0001	POHC	MACT EEE	63.1218(c)(1) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(i) 63.1206(c)(6)(ii) [G]63.1206(c)(6)(iv) [G]63.1206(c)(6)(v) [G]63.1206(c)(6)(vi)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD# SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
						[G]63.1206(c)(7) 63.1207(g)(1)(iii)(A) [G]63.1207(k) [G]63.1207(l)(1) 63.1209(c)(1) [G]63.1209(c)(2) [G]63.1209(d) 63.1209(i) [G]63.1209(j) 63.1209(p) [G]63.1209(q) 63.1211(c)(1) 63.1211(c)(2) 63.1211(c)(4) 63.1218(c)(3)(i) 63.1218(c)(3)(ii)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	PROHCLREC	OP-UA05	3641	63EEE-0001	THC-CO	MACT EEE	63.1218(a)(5)(i) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(i) 63.1206(c)(6)(ii) [G]63.1206(c)(6)(iv) [G]63.1206(c)(6)(v) [G]63.1206(c)(6)(vi) [G]63.1206(c)(7) 63.1207(g)(1)(iii)(A) [G]63.1207(k) [G]63.1207(l)(1) 63.1209(c)(1) [G]63.1209(c)(2) [G]63.1209(d) 63.1209(i) 63.1209(p) [G]63.1209(q) 63.1211(c)(1) 63.1211(c)(2) 63.1211(c)(4)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
							63.1218(d)	
	PROHCLREC	OP-UA05	3641	63EEE-0001	TOTAL CL	MACT EEE	63.1218(a)(6)(ii) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD# SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
						[G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(i) 63.1206(c)(6)(ii) [G]63.1206(c)(6)(iv) [G]63.1206(c)(6)(v) [G]63.1206(c)(6)(vi) [G]63.1206(c)(7) 63.1207(g)(1)(iii)(A) [G]63.1207(k) [G]63.1207(l)(1) [G]63.1207(m)(1) [G]63.1207(m)(2) 63.1207(m)(3) 63.1209(c)(1) [G]63.1209(c)(2) [G]63.1209(d) 63.1209(i) 63.1209(n)(4) 63.1209(o) 63.1209(o)(1)(i) [G]63.1209(o)(2) [G]63.1209(o)(3) 63.1209(o)(4) 63.1209(p) [G]63.1209(q) 63.1211(c)(1) 63.1211(c)(2) 63.1211(c)(4) 63.1218(d)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	FD#	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
	PROSTRIP	OP-UA58	1061	61FF-0001	BENZENE	NESHAPS FF	61.348(a)(1) 61.340(d) 61.348(a)(1)(i) 61.348(a)(2) 61.348(a)(3) 61.348(a)(4) 61.348(f)	
	PROSTRIP	OP-UA58	2809	61FF-0002	BENZENE	NESHAPS FF	61.348(a)(1) 60.18 61.348(a)(1)(i) 61.348(a)(2) 61.348(a)(3)	

Revision No.	Unit/Group/Process IDNo	Unit/Group/Process Applicable Form	SOP/GOP Index No.	Pollutant	Applicability Regulatory Requirement Name	Applicability Regulatory Requirement Standard(s)	Version Code
						61.348(a)(4) 61.348(f) 61.349(a) 61.349(a)(1)(i) 61.349(a)(1)(iii) 61.349(a)(1)(iv) 61.349(b) 61.349(e) 61.349(f) 61.349(g)	

**Applicable Requirements Summary
Form OP-REQ3 (B-Page 2)
Federal Operating Permit Program
Table1b: Additions**

Date:	Regulated Entity No: HH0042M	Permit No: O1971
Company Name: EASTMAN CHEMICAL COMPANY	Area Name: C4 - Acetaldehyde	

Revision No.	Unit/Group/Proces ID No.	SOP/GOP Index No.	<i>FD#</i> Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	EP034FG1	63H-0001	1068 HAPS		[G]63.163 [G]63.176 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) 63.181(h) [G]63.181(h)(3) 63.181(h)(4) [G]63.181(h)(5) 63.181(h)(6) 63.181(h)(7) 63.181(h)(8)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068 HAPS		[G]63.165 [G]63.180(b) [G]63.180(c) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(f)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068 HAPS		[G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(i)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	FD#	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
	EP034FG1	63H-0001	1068	HAPS		[G]63.175 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) 63.181(h) [G]63.181(h)(1) [G]63.181(h)(2) 63.181(h)(4) [G]63.181(h)(5) 63.181(h)(6) 63.181(h)(7) [G]63.181(i)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068	HAPS		[G]63.168 [G]63.175 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) 63.181(h) [G]63.181(h)(1) [G]63.181(h)(2) 63.181(h)(4) [G]63.181(h)(5) 63.181(h)(6) 63.181(h)(7)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068	HAPS		[G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068	HAPS		[G]63.172(f)(1)	[G]63.172(k)	[G]63.182(a)

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
					[G]63.172(f)(2) 63.172(g) [G]63.172(h) [G]63.172(k) [G]63.172(l) [G]63.180(b) [G]63.180(d)	[G]63.172(l) 63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) 63.181(g) 63.181(g)(1)(i) 63.181(g)(1)(ii) [G]63.181(g)(2) [G]63.181(g)(3)	[G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001 1068	HAPS		63.172(e) [G]63.172(h) [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) 63.181(g) 63.181(g)(1)(i) 63.181(g)(1)(ii) 63.181(g)(1)(iv) [G]63.181(g)(2)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001 1068	HAPS		[G]63.174 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001 1068	HAPS	1	[G]63.169 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1)

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							[G]63.181(i)	63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068	HAPS	2	[G]63.169 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) [G]63.181(i)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068	HAPS	3	[G]63.169 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) [G]63.181(i)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068	HAPS	5	[G]63.169 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) [G]63.181(i)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4) [G]63.182(d)
	EP034FG1	63H-0001	1068	HAPS	6	[G]63.169 [G]63.180(b) [G]63.180(d)	63.181(a) [G]63.181(b) 63.181(c) [G]63.181(d) [G]63.181(i)	[G]63.182(a) [G]63.182(b) 63.182(c) [G]63.182(c)(1) 63.182(c)(4)

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								[G]63.182(d)
	EP034R101	63G-0001	2816	HAPS		63.114(b) 63.114(b)(1) 63.114(e) [G]63.115(a) [G]63.115(b) [G]63.115(c) [G]63.115(d) 63.115(e) 63.115(e)(1) [G]63.115(f)	63.114(b) 63.114(b)(1) [G]63.117(a)(7) 63.117(a)(8) [G]63.152(a)	63.114(e) 63.115(e)(2) [G]63.117(a)(7) 63.117(a)(8) 63.118(f)(1) [G]63.118(g) [G]63.118(k) [G]63.151(b) 63.151(e) [G]63.151(e)(1) 63.151(e)(3) [G]63.151(g) 63.151(h) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) [G]63.152(b)(2) 63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G]63.152(c)(2)(ii) 63.152(c)(2)(iii) 63.152(c)(4)(i) 63.152(c)(4)(ii) 63.152(c)(4)(iii) [G]63.152(c)(6)
	EP034T501A	63G-0013	1049	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b)

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								[G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)
	EP034T501B	63G-0013	1207	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)
	EP034T501C	63G-0013	1208	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)
	EP034T505A	63G-0018	1198	HAPS				

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							63.123(a)	63.152(c)(4)(iii)
	EP034T505B	63G-0018	1199	HAPS			63.123(a)	63.152(c)(4)(iii)
	EP034T506	63G-0018	1200	HAPS			63.123(a)	63.152(c)(4)(iii)
	EP034T511	61FF-0001	1050	BENZENE		61.343(a)(1)(i)(A) 61.343(c)	61.356(d) 61.356(g)	
	EP034T511	61FF-0002	2841	BENZENE		60.18(f)(2) 61.343(a)(1)(i)(A) 61.343(c) 61.349(a)(1)(i) 61.349(e) 61.349(f) 61.354(c) 61.354(c)(3) [G]61.355(h)	61.354(c) 61.354(c)(3) 61.356(d) 61.356(f) 61.356(f)(1) 61.356(g) 61.356(h) 61.356(j) 61.356(j)(1) 61.356(j)(2) 61.356(j)(3) 61.356(j)(7)	61.357(d)(7) 61.357(d)(7)(iv) 61.357(d)(7)(iv)(F)
	EP034T516	61FF-0001	3653	BENZENE		61.343(a)(1)(i)(A) 61.343(c)	61.356(d) 61.356(g)	

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	EP034T516	61FF-0002 3654	BENZENE		60.18(f)(2) 61.343(a)(1)(i)(A) 61.343(c) 61.349(a)(1)(i) 61.349(e) 61.349(f) 61.354(c) 61.354(c)(3) [G]61.355(h)	61.354(c) 61.354(c)(3) 61.356(d) 61.356(f) 61.356(f)(1) 61.356(g) 61.356(h) 61.356(j) 61.356(j)(1) 61.356(j)(2) 61.356(j)(3) 61.356(j)(7)	61.357(d)(7) 61.357(d)(7)(iv) 61.357(d)(7)(iv)(F)
	EP034T517	61FF-0001 1215	BENZENE		61.343(a)(1)(i)(A) 61.343(c)	61.356(d) 61.356(g)	
	EP034T517	61FF-0002 2842	BENZENE		60.18(f)(2) 61.343(a)(1)(i)(A) 61.343(c) 61.349(a)(1)(i) 61.349(e) 61.349(f) 61.354(c) 61.354(c)(3)	61.354(c) 61.354(c)(3) 61.356(d) 61.356(f) 61.356(f)(1) 61.356(g) 61.356(h) 61.356(j)	61.357(d)(7) 61.357(d)(7)(iv) 61.357(d)(7)(iv)(F)

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					[G]61.355(h)	61.356(j)(1) 61.356(j)(2) 61.356(j)(3) 61.356(j)(7)	
	EP035R101	63G-0001 2817	HAPS		63.114(b) 63.114(b)(1) 63.114(e) [G]63.115(a) [G]63.115(b) [G]63.115(c) [G]63.115(d) 63.115(e) 63.115(e)(1) [G]63.115(f)	63.114(b) 63.114(b)(1) [G]63.117(a)(7) 63.117(a)(8) [G]63.152(a)	63.114(e) 63.115(e)(2) [G]63.117(a)(7) 63.117(a)(8) 63.118(f)(1) [G]63.118(g) [G]63.118(k) [G]63.151(b) 63.151(e) [G]63.151(e)(1) 63.151(e)(3) [G]63.151(g) 63.151(h) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) [G]63.152(b)(2) 63.152(c)(1) 63.152(c)(2) 63.152(c)(2)(i) [G]63.152(c)(2)(ii) 63.152(c)(2)(iii) 63.152(c)(4)(i) 63.152(c)(4)(ii) 63.152(c)(4)(iii) [G]63.152(c)(6)

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	EP035T501A	63G-0013	1212	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)
	EP035T501B	63G-0013	1213	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)
	EP035T501C	63G-0013	1214	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1)

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							63.152(c)(2) 63.152(c)(4)(ii)
	EP103T601	63G-0013 1209	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)
	EP103T602	63G-0013 1210	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b) [G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)
	EP115T603	63G-0013 1211	HAPS			63.123(a) [G]63.123(h) [G]63.152(a)	63.122(c)(3) 63.151(a)(7) [G]63.151(b) [G]63.151(j) [G]63.152(a) 63.152(b)

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								[G]63.152(b)(1) 63.152(b)(4) 63.152(c)(1) 63.152(c)(2) 63.152(c)(4)(ii)
	EP115T604	63FFFF-0001	3657	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)(7)	63.2460(b)(6) 63.2460(b)(6)(i) 63.2460(b)(6)(ii) 63.2460(b)(7)
	PROHAC1	63F-0001	1062	HAPS		63.103(b)(1) 63.103(b)(3) 63.103(b)(4) [G]63.103(b)(5) 63.103(b)(6) [G]63.104(b)	[G]63.103(c) [G]63.104(e)(2) [G]63.104(f)(1) [G]63.105(b) 63.105(c) 63.105(e)	63.103(b)(2) [G]63.103(b)(5) [G]63.103(d) [G]63.104(f)(2)
	PROHAC2	63F-0002	1242	HAPS		63.103(b)(1) 63.103(b)(3) 63.103(b)(4) [G]63.103(b)(5) 63.103(b)(6) [G]63.104(b)	[G]63.103(c) [G]63.104(e)(2) [G]63.104(f)(1) [G]63.105(b) 63.105(c) 63.105(e)	63.103(b)(2) [G]63.103(b)(5) [G]63.103(d) [G]63.104(f)(2)

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	PROHCLREC	63EEE-0001	3641	CD AND PB		[G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(3) 63.1207(a) 63.1207(b)(1) 63.1207(c)(1) [G]63.1207(c)(2) [G]63.1207(d) [G]63.1207(e)	63.1206(b)(11) [G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) [G]63.1206(c)(5) 63.1206(c)(6)(vii)	63.1206(b)(11) [G]63.1206(b)(5) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A)

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						63.1209(g)(1)(i) 63.1209(g)(1)(ii) 63.1209(i) 63.1209(p) [G]63.1209(q) 63.1209(r)		[G]63.1209(g)(1)(iii) 63.1209(g)(1)(iv)(A) [G]63.1210(a) [G]63.1210(b)(1) 63.1210(b)(2) 63.1210(b)(3)(i) 63.1210(c)(1)(i) 63.1210(c)(2) [G]63.1210(c)(3) [G]63.1210(c)(4) [G]63.1210(d) 63.1211(a) [G]63.1211(c)(3) [G]63.1211(d) 63.1212(a)
	PROHCLREC	63EEE-0001	3641	DIOXINS-FURANS		[G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(3) 63.1207(a) 63.1207(b)(1) [G]63.1207(b)(2) [G]63.1207(b)(3) 63.1207(c)(1) [G]63.1207(c)(2) [G]63.1207(d) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix)	63.1206(b)(11) [G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(vii) [G]63.1206(c)(7) 63.1207(f)(1)(xii) 63.1207(g)(1)(iii)(A) 63.1209(b)(1) [G]63.1209(c)(2) [G]63.1209(c)(4) 63.1209(k)(2)(i) [G]63.1209(k)(3) [G]63.1209(q) 63.1211(b)	63.1206(b)(11) [G]63.1206(b)(5) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xii)

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					63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xii) 63.1207(f)(1)(xxvii) 63.1207(g) 63.1207(g)(1)(i)(A) 63.1207(g)(1)(ii) 63.1207(g)(2)(ii) 63.1207(g)(2)(v) [G]63.1207(h) [G]63.1207(i) [G]63.1207(l)(1) [G]63.1208(b)(1) 63.1208(b)(7) 63.1208(b)(8) 63.1209(b)(1) [G]63.1209(b)(2) 63.1209(b)(3) 63.1209(b)(4) [G]63.1209(b)(5) [G]63.1209(c)(4) [G]63.1209(d) [G]63.1209(f) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) 63.1209(i) 63.1209(k)(2)(i) [G]63.1209(k)(3) [G]63.1209(k)(8) 63.1209(p) [G]63.1209(q) 63.1209(r)	[G]63.1211(c)(3) [G]63.1211(d)	63.1207(f)(1)(xix) 63.1207(f)(1)(xv) 63.1207(f)(1)(xvii) 63.1207(f)(1)(xviii) [G]63.1207(f)(1)(xx) 63.1207(f)(1)(xxi) 63.1207(f)(1)(xxii) 63.1207(f)(1)(xxvii) 63.1207(f)(2)(ii) 63.1207(f)(2)(ix) 63.1207(f)(2)(v) 63.1207(f)(2)(vi) 63.1207(f)(2)(vii) 63.1207(f)(2)(viii) 63.1207(f)(2)(x) [G]63.1207(h) [G]63.1207(i) [G]63.1207(j)(1) 63.1207(j)(2) 63.1207(j)(3) 63.1207(j)(4) 63.1207(j)(5) [G]63.1207(k) [G]63.1207(l)(1) 63.1207(l)(3) 63.1209(c)(3) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) [G]63.1209(g)(1)(iii) [G]63.1210(a) [G]63.1210(b)(1) 63.1210(b)(2) 63.1210(b)(3)(i) 63.1210(c)(1)(i) 63.1210(c)(2)

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							[G]63.1210(c)(3) [G]63.1210(c)(4) [G]63.1210(d) 63.1211(a) [G]63.1211(c)(3) [G]63.1211(d) 63.1212(a)
	PROHCLREC	63EEE-0001	MERCURY	3641	[G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(3) 63.1207(a) 63.1207(b)(1) 63.1207(c)(1) [G]63.1207(c)(2) [G]63.1207(d) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xxvii) 63.1207(g) 63.1207(g)(1)(ii) [G]63.1207(h) [G]63.1207(i)	63.1206(b)(11) [G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(vii) [G]63.1206(c)(7) 63.1207(f)(1)(xii) 63.1207(g)(1)(iii)(A) [G]63.1207(m)(1) [G]63.1207(m)(2) 63.1209(b)(1) [G]63.1209(c)(2) [G]63.1209(c)(4) [G]63.1209(q) 63.1211(b) [G]63.1211(c)(3) [G]63.1211(d)	63.1206(b)(11) [G]63.1206(b)(5) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xii) 63.1207(f)(1)(xvi) 63.1207(f)(1)(xviii) 63.1207(f)(1)(xxvi) 63.1207(f)(1)(xxvii) 63.1207(f)(2)(ix) 63.1207(f)(2)(v) 63.1207(f)(2)(vi) 63.1207(f)(2)(vii)

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					[G]63.1207(l)(1) [G]63.1207(m)(1) [G]63.1207(m)(2) 63.1208(b)(2) 63.1208(b)(7) 63.1208(b)(8) 63.1209(a)(5) 63.1209(b)(1) [G]63.1209(b)(2) 63.1209(b)(3) 63.1209(b)(4) [G]63.1209(b)(5) [G]63.1209(c)(4) [G]63.1209(d) [G]63.1209(f) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) 63.1209(i) 63.1209(p) [G]63.1209(q) 63.1209(r)		63.1207(f)(2)(viii) 63.1207(f)(2)(x) [G]63.1207(h) [G]63.1207(i) [G]63.1207(j)(1) 63.1207(j)(3) 63.1207(j)(4) 63.1207(j)(5) [G]63.1207(k) [G]63.1207(l)(1) 63.1207(l)(3) 63.1207(m)(5) 63.1209(c)(3) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) [G]63.1209(g)(1)(iii) 63.1209(g)(1)(iv)(B) [G]63.1210(a) [G]63.1210(b)(1) 63.1210(b)(2) 63.1210(b)(3)(i) 63.1210(c)(1)(i) 63.1210(c)(2) [G]63.1210(c)(3) [G]63.1210(c)(4) [G]63.1210(d) 63.1211(a) [G]63.1211(c)(3) [G]63.1211(d) 63.1212(a)
	PROHCLREC	63EEE-0001	3641 PM		[G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(b)(8)(iii) [G]63.1206(c)(3)	63.1206(b)(11) [G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(1)	63.1206(b)(11) [G]63.1206(b)(5) [G]63.1206(b)(8)(iii) [G]63.1206(c)(2)

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					63.1207(a) 63.1207(b)(1) 63.1207(c)(1) [G]63.1207(c)(2) [G]63.1207(d) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xxvii) 63.1207(g) 63.1207(g)(1)(i)(C) 63.1207(g)(1)(ii) 63.1207(g)(2)(iv) [G]63.1207(h) [G]63.1207(i) [G]63.1207(l)(1) 63.1208(b)(6) 63.1208(b)(7) 63.1208(b)(8) 63.1209(a)(1)(iii) 63.1209(a)(5) 63.1209(b)(1) [G]63.1209(b)(2) 63.1209(b)(3)	[G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(vii) [G]63.1206(c)(7) 63.1207(f)(1)(xii) 63.1207(g)(1)(iii)(A) 63.1209(b)(1) [G]63.1209(c)(2) [G]63.1209(c)(4) [G]63.1209(q) 63.1211(b) [G]63.1211(c)(3) [G]63.1211(d)	[G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xii) 63.1207(f)(1)(xvii) 63.1207(f)(1)(xviii) 63.1207(f)(1)(xxiii) [G]63.1207(f)(1)(xxiv) 63.1207(f)(1)(xxvii) 63.1207(f)(2)(iv) 63.1207(f)(2)(ix) 63.1207(f)(2)(v) 63.1207(f)(2)(vi) 63.1207(f)(2)(vii) 63.1207(f)(2)(viii) 63.1207(f)(2)(x) [G]63.1207(h) [G]63.1207(i) [G]63.1207(j)(1) 63.1207(j)(3) 63.1207(j)(4) 63.1207(j)(5) [G]63.1207(k)

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						63.1209(b)(4) [G]63.1209(b)(5) [G]63.1209(c)(4) [G]63.1209(d) [G]63.1209(f) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) 63.1209(i) [G]63.1209(m)(1)(i) [G]63.1209(m)(1)(iv) [G]63.1209(m)(2) 63.1209(p) [G]63.1209(q) 63.1209(r)		[G]63.1207(l)(1) 63.1207(l)(3) 63.1209(c)(3) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) [G]63.1209(g)(1)(iii) [G]63.1210(a) [G]63.1210(b)(1) 63.1210(b)(2) 63.1210(b)(3)(i) 63.1210(c)(1)(i) 63.1210(c)(2) [G]63.1210(c)(3) [G]63.1210(c)(4) [G]63.1210(d) 63.1211(a) [G]63.1211(c)(3) [G]63.1211(d) 63.1212(a)
	PROHCLREC	63EEE-0001	3641	POHC		[G]63.1206(b)(12) [G]63.1206(b)(5) 63.1206(b)(7)(iii) [G]63.1206(c)(3) 63.1207(a) 63.1207(b)(1) 63.1207(c)(1) [G]63.1207(c)(2) [G]63.1207(d) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) 63.1207(f)(1)(ii)(D) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix)	63.1206(b)(11) [G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) 63.1207(g)(1)(iii)(A) 63.1209(b)(1) [G]63.1209(c)(2) [G]63.1209(c)(4)	63.1206(b)(11) [G]63.1206(b)(5) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) 63.1207(f)(1)(ii)(D) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix)

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							[G]63.1210(c)(4) [G]63.1210(d) 63.1211(a) [G]63.1211(c)(3) [G]63.1211(d) 63.1212(a)
	PROHCLREC	63EEE-0001 3641	THC-CO		[G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(b)(6) [G]63.1206(c)(3) 63.1207(a) 63.1207(b)(1) 63.1207(c)(1) [G]63.1207(c)(2) [G]63.1207(d) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xii) 63.1207(f)(1)(xxvii) 63.1207(g) 63.1207(g)(1)(ii) 63.1207(g)(2)(i) 63.1207(g)(2)(v)	63.1206(b)(11) [G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1206(c)(5) 63.1206(c)(6)(vii) [G]63.1206(c)(7) 63.1207(f)(1)(xii) 63.1207(g)(1)(iii)(A) 63.1209(b)(1) [G]63.1209(c)(2) [G]63.1209(c)(4) [G]63.1209(q) 63.1211(b) [G]63.1211(c)(3) [G]63.1211(d)	63.1206(b)(11) [G]63.1206(b)(5) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xii) 63.1207(f)(1)(xviii) 63.1207(f)(1)(xxvii) 63.1207(f)(2)(i) 63.1207(f)(2)(ix) 63.1207(f)(2)(v) 63.1207(f)(2)(vi) 63.1207(f)(2)(vii) 63.1207(f)(2)(viii) 63.1207(f)(2)(x)

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						[G]63.1207(h) [G]63.1207(i) [G]63.1207(l)(1) 63.1208(b)(7) 63.1208(b)(8) 63.1209(a)(1)(i) 63.1209(a)(2) [G]63.1209(a)(3) [G]63.1209(a)(6) 63.1209(a)(7) 63.1209(b)(1) [G]63.1209(b)(2) 63.1209(b)(3) 63.1209(b)(4) [G]63.1209(b)(5) [G]63.1209(c)(4) [G]63.1209(d) [G]63.1209(f) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) 63.1209(i) 63.1209(p) [G]63.1209(q) 63.1209(r)		[G]63.1207(h) [G]63.1207(i) [G]63.1207(j)(1) 63.1207(j)(3) 63.1207(j)(4) 63.1207(j)(5) [G]63.1207(k) [G]63.1207(l)(1) 63.1207(l)(3) 63.1209(c)(3) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) [G]63.1209(g)(1)(iii) [G]63.1210(a) [G]63.1210(b)(1) 63.1210(b)(2) 63.1210(b)(3)(i) 63.1210(c)(1)(i) 63.1210(c)(2) [G]63.1210(c)(3) [G]63.1210(c)(4) [G]63.1210(d) 63.1211(a) [G]63.1211(c)(3) [G]63.1211(d) 63.1212(a)
	PROHCLREC	63EEE-0001	3641	TOTAL CL		[G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(3) 63.1207(a) 63.1207(b)(1) 63.1207(c)(1) [G]63.1207(c)(2) [G]63.1207(d)	63.1206(b)(11) [G]63.1206(b)(12) [G]63.1206(b)(5) [G]63.1206(c)(1) [G]63.1206(c)(2) [G]63.1206(c)(3) [G]63.1206(c)(4) [G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii)	

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					[G]63.1207(e) [G]63.1207(f)(1)(i) 63.1207(f)(1)(ii) 63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xi) 63.1207(f)(1)(xii) 63.1207(f)(1)(xxvii) 63.1207(g) 63.1207(g)(1)(ii) 63.1207(g)(2)(iii) [G]63.1207(h) [G]63.1207(i) [G]63.1207(l)(1) [G]63.1207(m)(1) [G]63.1207(m)(2) [G]63.1208(b)(5)(i) 63.1208(b)(7) 63.1208(b)(8) 63.1209(a)(5) 63.1209(b)(1) [G]63.1209(b)(2) 63.1209(b)(3) 63.1209(b)(4) [G]63.1209(b)(5) [G]63.1209(c)(4) 63.1209(c)(5)	63.1206(c)(6)(vii) [G]63.1206(c)(7) 63.1207(f)(1)(xii) 63.1207(g)(1)(iii)(A) [G]63.1207(m)(1) [G]63.1207(m)(2) 63.1209(b)(1) [G]63.1209(c)(2) [G]63.1209(c)(4) [G]63.1209(q) 63.1211(b) [G]63.1211(c)(3) [G]63.1211(d)	63.1207(f)(1)(ii)(A) 63.1207(f)(1)(ii)(B) 63.1207(f)(1)(ii)(C) [G]63.1207(f)(1)(iii) 63.1207(f)(1)(iv) 63.1207(f)(1)(ix) 63.1207(f)(1)(v) 63.1207(f)(1)(vi) 63.1207(f)(1)(vii) 63.1207(f)(1)(viii) 63.1207(f)(1)(xi) 63.1207(f)(1)(xii) 63.1207(f)(1)(xvi) 63.1207(f)(1)(xvii) 63.1207(f)(1)(xviii) 63.1207(f)(1)(xxv) 63.1207(f)(1)(xxvi) 63.1207(f)(1)(xxvii) 63.1207(f)(2)(iii) 63.1207(f)(2)(ix) 63.1207(f)(2)(v) 63.1207(f)(2)(vi) 63.1207(f)(2)(vii) 63.1207(f)(2)(viii) 63.1207(f)(2)(x) [G]63.1207(h) [G]63.1207(i) [G]63.1207(j)(1) 63.1207(j)(3) 63.1207(j)(4) 63.1207(j)(5) [G]63.1207(k) [G]63.1207(l)(1) 63.1207(l)(3) 63.1207(m)(5)

Revision No.	Unit/Group/Process ID No.	SOP/GOP Index No.	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
					[G]63.1209(d) [G]63.1209(f) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) 63.1209(i) 63.1209(p) [G]63.1209(q) 63.1209(r)		63.1209(c)(3) 63.1209(g)(1)(i) 63.1209(g)(1)(ii) [G]63.1209(g)(1)(iii) [G]63.1210(a) [G]63.1210(b)(1) 63.1210(b)(2) 63.1210(b)(3)(i) 63.1210(c)(1)(i) 63.1210(c)(2) [G]63.1210(c)(3) [G]63.1210(c)(4) [G]63.1210(d) 63.1211(a) [G]63.1211(c)(3) [G]63.1211(d) 63.1212(a)
	PROSTRIP	61FF-0001	1061 BENZENE		61.348(f) 61.354(a)(1)	61.356(e) 61.356(e)(1) 61.356(e)(2) [G]61.356(i)	61.357(d)(7) 61.357(d)(7)(i)
	PROSTRIP	61FF-0002	2809 BENZENE		60.18(f)(2) 61.348(f) 61.349(a)(1)(i) 61.349(e) 61.349(f) 61.354(a)(1) 61.354(c) 61.354(c)(3)	61.354(c) 61.354(c)(3) 61.356(e) 61.356(e)(1) 61.356(e)(2) 61.356(f) 61.356(f)(1) 61.356(h)	61.357(d)(7) 61.357(d)(7)(i) 61.357(d)(7)(iv) 61.357(d)(7)(iv)(F)

Revision No.	Unit/Group/Process ID No.	<i>FD#</i> SOP/GOP Index No.	Pollutant	Version Code	Monitoring and Testing Requirements	Recordkeeping Requirements	Reporting Requirements
					[G]61.355(h)	[G]61.356(i) 61.356(j) 61.356(j)(1) 61.356(j)(2) 61.356(j)(3) 61.356(j)(7)	

Submission Attachment List

Confirmation Number: 540868

[Return to Sharenet](#)

There are **20** attachments for confirmation number 540868.

1-20 of 20 Records

Attachment Name	Attachment Type	Confidential	Action
1-C4_FOPO1971-Renewal-Cover-Letter.pdf	application/pdf	No	Save Attachment
10-C4_FOPO1971-Renewal_OP-UA58-Table2.pdf	application/pdf	No	Save Attachment
11a-C4_FOPO1971-Renewal_OP-UA60-Table1.pdf	application/pdf	No	Save Attachment
11b-C4_FOPO1971-Renewal_OP-UA60-Table6.pdf	application/pdf	No	Save Attachment
17-C4_FOPO1971_2010-02-05_FBI AMA RATA EPA.pdf	application/pdf	No	Save Attachment
18-C4_FOPO1971_2000-06-21_HCI_AMA_RATA_TCEQ.pdf	application/pdf	No	Save Attachment
2-C4_FOPO1971_2024-Renewal_Table-of-Contents.pdf	application/pdf	No	Save Attachment
6a-C4_FOPO1971-Renewal_OP-UA3-Table9.pdf	application/pdf	No	Save Attachment
6b-C4_FOPO1971-Renewal_OP-UA3-Table12.pdf	application/pdf	No	Save Attachment
7-C4_FOPO1971-Renewal_OP-UA5-Table5.pdf	application/pdf	No	Save Attachment
8-C4-FOPO1971-Renewal_OP-UA12-Table9.pdf	application/pdf	No	Save Attachment
9-C4_FOPO1971-Renewal_OP-UA15-Table6.pdf	application/pdf	No	Save Attachment
OP_1_3-C4_FOPO1971-Renewal_OP-1.pdf	application/pdf	No	Save Attachment
OP_2_4-C4_FOPO1971-Renewal_OP-2.pdf	application/pdf	No	Save Attachment
OP_ACPS_15-C4-FOPO1971-Renewal_OP-ACPS.pdf	application/pdf	No	Save Attachment
OP_PBRSUP_16-C4_FOPO1971-Renewal-OP-PBRSUP.pdf	application/pdf	No	Save Attachment
OP_REQ1_12-C4_FOPO1971-Renewal_OP-REQ1.pdf	application/pdf	No	Save Attachment
OP_REQ2_13-C4_FOPO1971-Renewal_OP-REQ2.pdf	application/pdf	No	Save Attachment
OP_REQ3_14-C4_FOPO1971-Renewal_OP-REQ3.pdf	application/pdf	No	Save Attachment
OP_SUMR_5-C4_FOPO1971-Renewal_OP-SUMR.pdf	application/pdf	No	Save Attachment

You must have the appropriate application to download and view the attachment.



Eastman Chemical Company
Texas Operations
P.O. Box 7444
Longview, Texas 75607-7444
Phone: 903-237-5000

May 17, 2024

Submitted Via STEERS

Texas Commission on Environmental Quality
Air Permits Initial Review Team (APIRT), MC-161
P.O. Box 13087
Austin, Texas 78711-3087

**Re: Application for Renewal of FOP No. 01971, C4 – Acetaldehyde
Eastman Chemical Company, Texas Operations
Account No. HH-0042-M
Customer Reference No. CN601214406
Regulated Entity Reference No. RN100219815**

Eastman Chemical Company (Eastman) is submitting its application for renewal of Federal Operating Permit No. 01971 for its C4 – Acetaldehyde area. Attached are the TCEQ forms containing the permit information. This renewal application is being submitted and certified using the TCEQ STEERS system.

If you have any questions regarding this renewal application, please contact me by telephone at (903) 237-6093 or by e-mail at tmcmeen@eastman.com

Sincerely,

A handwritten signature in black ink that reads "Timothy M. McMeen". The signature is fluid and cursive.

Timothy M. McMeen
Engineering Associate – Environmental Operations, Longview

Attachments

cc: miguel.gaona@tceq.texas.gov
Donna.Lemons@tceq.texas.gov
michelle.baetz@tceq.texas.gov
fredrick.lacy@tceq.texas.gov
R6AirPermitsTX@epa.gov
mark.meyer@tceq.texas.gov

TCEQ – APIRT
Page 2
May 17, 2024

bc: Laura Anderson
Alex Claiborne
Deon Cox
Mara LaPorte
Courtney Covington
Tim McMeen
\\clkptdm04\ea_sys\100-Air\130-Title V
Permits-Reports\130.C4 -
Acetaldehyde\130.C4.4 Renewals\2024
Renewal\Documents to be Submitted\1-
C4_FOPO1971-Renewal-Cover-Letter.docx

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde			Customer Reference No.:	CN601214406

FD#	Process ID No.	SOP/GOP Index No	Designated Grp1	Determined Grp1	Vent Emission Control
3657	EP115T604	63FFFF-0001	No	No	

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.:	CN601214406		

FD#	Process ID No.	SOP/GOP Index No	Designated HAL	Determined HAL	Scrubber	Prior Eval	Assessment Waiver	Assessment Waiver ID	Negative Pressure	Bypass Line
3657	EP115T604	63FFFF-0001								

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.:	CN601214406		

FD#	Process ID No.	SOP/GOP Index No	Small Device	1257A1	1257A1 Device Type	1257A1 Device ID	Alt 63SS Mon Parameters	Alt 63SS Mon ID	CEMS	SS Device Type	SS Device ID
3657	EP115T604	63FFFF-0001									

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.:	CN601214406		

FD#	Process ID No.	SOP/GOP Index No	Meets 63.988(b)(2)	Water	Designated HAL	Determined HAL
3657	EP115T604	63FFFF-0001				

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.:	CN601214406		

FD#	Process ID No.	SOP/GOP Index No	HAL Device Type	HAL Device ID	Halogen Reduction Option	Prior Eval	Assessment Waiver	Assessment Waiver ID	Formaldehyde	Negative Pressure	Bypass Line
3657	EP115T604	63FFFF-0001									

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.:	CN601214406		

FD#	Process ID No.	SOP/GOP Index No	All Vents are WW	Alt 63SS Mon Parameters	Alt 63SS Mon ID	SS Device Type	SS Device ID	Water
3657	EP115T604	63FFFF-0001						

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.: CN601214406			

FD#	Unit ID No.	SOP/GOP Index No	Applicable Chemicals	Table 2 HAP	Alternate Means of Emission Limitatio (AMEL)	AMEL ID No.	Heat Exchange System	Cooling Water Pressure
1062	PROHAC1	63F-0001	Yes	Yes	No		Yes	No
1242	PROHAC2	63F-0002	Yes	Yes	No		Yes	No

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.: CN601214406			

FD#	Unit ID No.	SOP/GOP Index No	Intervening Cooling Fluid	Table 4 HAP Content	NPDES Permit	Meets 40 CFR 63.104(a)(4)(i) - (iv	Table 9 HAP Content	Cooling Water Monitored
1062	PROHAC1	63F-0001	No	No	No	No	No	Yes
1242	PROHAC2	63F-0002	No	No	No	No	No	Yes

OP-UA58 Table 2a

2022/01

40 CFR 61 Subpart FF: Benzene Waste Operations (Treatment Processes)

Date: 5/17/2024		Permit No: O1971		Regulated Entity No: RN100219815	
Area Name: C4 - Acetaldehyde		Customer Reference No.: CN601214406			

FD#	Unit ID No.	SOP/GOP Index No	AMOC	AMOC ID No.	Complying With §61.342(e)	Stream Combination	Benzene Removal	Process or Steam Exemption	Treatment Process Engineering Calculations
1061	PROSTRIP	61FF-0001	No		Yes		10-	No	Yes
2809	PROSTRIP	61FF-0002	No		Yes		10-	No	Yes

OP-UA58 Table 2b

2022/01

40 CFR 61 Subpart FF: Benzene Waste Operations (Treatment Processes)

Date: 5/17/2024		Permit No: O1971		Regulated Entity No: RN100219815						
Area Name: C4 - Acetaldehyde		Customer Reference No.: CN601214406								
FD#	Unit ID No.	SOP/GOP Index No	Continuous Monitoring	Treatment Stream Unit Exempt	Openings	Fuel Gas System	Less Than Atmospheric	Closed-Vent System and Control Device	AMOC	AMOC ID No.
1061	PROSTRIP	61FF-0001	No		No	Yes				
2809	PROSTRIP	61FF-0002	No		No	No		Yes	No	

OP-UA58 Table 2c

2022/01

40 CFR 61 Subpart FF: Benzene Waste Operations (Treatment Processes)

Date: 5/17/2024			Permit No: O1971			Regulated Entity No: RN100219815			
Area Name: C4 - Acetaldehyde			Customer Reference No.: CN601214406						
FD#	Unit ID No.	SOP/GOP Index No	By-Pass Line	By-Pass Line Valve	Control Device Type/Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
1061	PROSTRIP	61FF-0001							
2809	PROSTRIP	61FF-0002	No		FLARE	C170FL1			

Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
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Date:	May 17, 2024
Permit No.:	O1971
RN No.:	RN100219815

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> YES <input checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

Texas Commission on Environmental Quality
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Date:	May 17, 2024
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Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆	a. The application area is located within the City of El Paso.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆	a. The application area is subject to 30 TAC § 111.143.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151.
	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements.
	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	<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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Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input 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 type="checkbox"/> NO

Texas Commission on Environmental Quality
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Form OP-REQ1: Page 4	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
E. Outdoor Burning (continued)	
◆	5. Prescribed burning is used in the application area and subject to the exception provided in 30 TAC § 111.211. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213. <input type="checkbox"/> YES <input 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 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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Form OP-REQ1: Page 5	
III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
C. Industrial Wastewater	
1. The application area includes affected VOC wastewater streams of an affected source category, as defined in 30 TAC § 115.140. <i>If the response to Question III.C.1 is "NO" or "N/A," go to Section III.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" 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 type="checkbox"/> YES <input checked="" 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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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)		
◆	<p>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.</p> <p><i>If the response to Question III.E.8 is "YES," go to Section III.F.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	<p>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.</p>	<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 type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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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 type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input 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 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 type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" 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 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 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 type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input 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 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 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 type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)	
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas	
◆	<div>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.</div> <div><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></div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
◆	<div>2. The application area is located at a site that was a major source of NO_x before November 15, 1992.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</div>
◆	<div>3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
D. Adipic Acid Manufacturing	
	<div>1. The application area is located at, or part of, an adipic acid production unit.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</div>
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas	
	<div>1. The application area is located at, or part of, a nitric acid production unit.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</div>
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines	
◆	<div>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).</div> <div><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></div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
◆	<div>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).</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
◆	<div>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).</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>

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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 type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)	
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" 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 type="checkbox"/> NO
2.	The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3.	The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4.	The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5.	The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)		
◆ 1.	The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>
◆ 2.	One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3.	One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4.	The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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. </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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. </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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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)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.</p> <p><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></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<p>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.</p>
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> <p><i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> <p><i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>2. The application area includes storm water sewer systems.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)		
◆	5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001		
◆	1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div>
◆	2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006		
◆	<p>1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator.</p> <p><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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>4. The application area includes at least one air curtain incinerator.</p> <p><i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p> <p><i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p>	<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 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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 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)	
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	
Applicability	
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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
Vapor Collection and Closed Vent Systems	
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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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)	
Process Wastewater Streams (continued)	
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 checked="" 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 checked="" type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input checked="" 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 checked="" 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 checked="" 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)	
Process Wastewater Streams (continued)	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> NO

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C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)	
<i>Drains</i>	
31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" 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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C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
Drains (continued)	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input checked="" 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 checked="" 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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Federal Operating Permit Program

Date:	May 17, 2024
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RN No.:	RN100219815

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Form OP-REQ1: Page 41	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>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></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).</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)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Drains (continued)	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
Applicability	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “YES,” go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 54		
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)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 an thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
<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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Form OP-REQ1: Page 68	
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.18.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input 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 BBBBBB, 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 BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆	1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆	1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆	1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆	1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement	
◆	1. The application area is owned/operated by a department, agency, or instrumentality of the United States. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆	1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone (continued)	
F. Subpart F - Recycling and Emissions Reduction	
◆	1. Servicing, maintenance, and/or repair on refrigeration and non-motor vehicle air condition appliances using ozone-depleting refrigerants or non-exempt substitutes is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program	
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction	
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous	
A. Requirements Reference Tables (RRT) and Flowcharts	
	1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. <input 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.*

Form OP-REQ1: Page 78	
XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input 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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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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Form OP-REQ1: Page 80	
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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Form OP-REQ1: Page 81		
XI. Miscellaneous (continued)		
I. GOP Type (Complete this section for GOP applications only)		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 82		
XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 83		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	<p>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.</p> <p><i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.</p> <p><i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p> <p><i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<p>5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<p>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.</p>	
◆	<p>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).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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).</p> <p><i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 84		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 85		
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. 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. 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. 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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Form OP-REQ1: Page 86		
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 type="checkbox"/> NO
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input 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 E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 681	Issuance Date: 04/30/2019	Authorization No.: 170566	Issuance Date: 10/12/2022
Authorization No.: 48626	Issuance Date: 04/12/2018	Authorization No.:	Issuance Date:
Authorization No.: 84724	Issuance Date: 08/19/2013	Authorization No.:	Issuance Date:
Authorization No.: 161886	Issuance Date: 07/16/2020	Authorization No.:	Issuance Date:

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XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.264	Version No./Date: 09/04/2000
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

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

Please print or type all information. Direct any questions regarding this application form to the Air Permits Division at (512) 239-1250 or to the Texas Commission on Environmental Quality, Office of Air, Air Permits Division (MC 163), P.O. Box 13087, Austin, Texas 78711-3087.

I. Company Identifying Information
A. Company Name: Eastman Chemical Company
B. Customer Reference Number (CN): CN601214406
C. Submittal Date (mm/dd/yyyy): May 17, 2024
II. Site Information
A. Site Name: Eastman Chemical Texas Operations
B. Regulated Entity Reference Number (RN): RN100219815
C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i>
<input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input checked="" type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input type="checkbox"/> N/A
D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i>
<input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input checked="" type="checkbox"/> SO ₂ <input checked="" type="checkbox"/> PM ₁₀ <input checked="" type="checkbox"/> CO <input type="checkbox"/> Pb <input checked="" type="checkbox"/> HAPS
Other:
E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. Is the site within a local program area jurisdiction? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: N/A
III. Permit Type
A. Type of Permit Requested: <i>(Select only one response)</i>
<input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP)

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 2)
Texas Commission on Environmental Quality**

IV. Initial Application Information <i>(Complete for Initial Issuance Applications Only.)</i>	
A. Is this submittal an abbreviated or a full application?	<input type="checkbox"/> Abbreviated <input type="checkbox"/> Full
B. If this is a full application, is the submittal a follow-up to an abbreviated application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. If this is an abbreviated application, is this an early submittal for a combined SOP and Acid Rain permit?	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Has an electronic copy of this application been submitted (or is being submitted) to EPA? (Refer to the form instructions for additional information.)	<input type="checkbox"/> YES <input type="checkbox"/> NO
E. Has the required Public Involvement Plan been included with this application?	<input type="checkbox"/> YES <input type="checkbox"/> NO
V. Confidential Information	
A. Is confidential information submitted in conjunction with this application?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
VI. Responsible Official (RO) Identifying Information	
RO Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)	
RO Full Name: Andrew M. Coggins	
RO Title: VP, CI Olefin & Derivatives Manufacturing TXO	
Employer Name: Eastman Chemical Company	
Mailing Address: P.O. Box 7444	
City: Longview	
State: Texas	
ZIP Code: 75607-7444	
Territory:	
Country:	
Foreign Postal Code:	
Internal Mail Code: Bldg. 1	
Telephone No.: (903) 237-6200	
Fax No.: (903) 237-5799	
Email: acoggins@eastman.com	

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 3)
Texas Commission on Environmental Quality**

VII. Technical Contact Identifying Information <i>(Complete if different from RO.)</i>
Technical Contact Name Prefix: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Technical Contact Full Name: Timothy M. McMeen
Technical Contact Title: Engineering Associate
Employer Name: Eastman Chemical Company
Mailing Address: P.O. Box 7444
City: Longview
State: Texas
ZIP Code: 75607-7444
Territory:
Country:
Foreign Postal Code:
Internal Mail Code: Bldg. 1
Telephone No.: (903) 237-6093
Fax No.: (903) 237-6318
Email: tmcmeen@eastman.com
VIII. Reference Only Requirements <i>(For reference only.)</i>
A. State Senator: Bryan Hughes
B. State Representative: Jay Dean
C. Has the applicant paid emissions fees for the most recent agency fiscal year (Sept. 1 - August 31)? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
D. Is the site subject to bilingual notice requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
E. Indicate the alternate language(s) in which public notice is required: Spanish

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 4)
Texas Commission on Environmental Quality**

IX. Off-Site Permit Request <i>(Optional for applicants requesting to hold the FOP and records at an off-site location.)</i>
A. Office/Facility Name:
B. Physical Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
C. Physical Location:
D. Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
Contact Full Name:
E. Telephone No.:
X. Application Area Information
A. Area Name: C4 – Acetaldehyde
B. Physical Address: 300 Kodak Blvd
City: Longview
State: Texas
ZIP Code: 75602
C. Physical Location:
D. Nearest City:
E. State:
F. ZIP Code:

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

X. Application Area Information (continued)
G. Latitude (nearest second): 32-26-15
H. Longitude (nearest second): 94-41-37
I. Are there any emission units that were not in compliance with the applicable requirements identified in the application at the time of application submittal? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Indicate the estimated number of emission units in the application area:
K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
XI. Public Notice <i>(Complete this section for SOP Applications and Acid Rain Permit Applications only.)</i>
A. Name of a public place to view application and draft permit: Marshall Public Library
B. Physical Address: 300 South Alamo St.
City: Marshall
ZIP Code: 75670
C. Contact Person (Someone who will answer questions from the public during the public notice period):
Contact Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.):
Contact Person Full Name: Tim Aldredge
Contact Mailing Address: P.O. Box 7444
City: Longview
State: Texas
ZIP Code: 75607-7444
Territory:
Country:
Foreign Postal Code:
Internal Mail Code: Bldg. 1
Telephone No.: (903) 237-5826

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

XII. Delinquent Fees and Penalties
Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."
Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.
XIII. Designated Representative (DR) Identifying Information
DR Name Prefix: (<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.)
DR Full Name:
DR Title:
Employer Name:
Mailing Address:
City:
State:
ZIP Code:
Territory:
Country:
Foreign Postal Code:
Internal Mail Code:
Telephone No.:
Fax No.:
Email:

**Federal Operating Permit Program
Site Information Summary
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Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIV. Alternate Designated Representative (ADR) Identifying Information

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

Date: 5/17/2024			Regulated Entity No: RN100219815			Permit No: O1971		
Area Name: C4 - Acetaldehyde								
FD#								
	Unit ID No.	SOP/GOP Index No	Existing Source	Area Source	Elective Standards	Dioxin/Furan Standards	CO/THC Standards	TOT-CI Standard
3641	PROHCLREC	63EEE-0001	Yes	No		CO-1	CO-5	SRE-6

Date: 5/17/2024	Regulated Entity No: RN100219815	Permit No: O1971
Area Name: C4 - Acetaldehyde		

FD#		SOP/GOP		PM		DRE Previous	Feed
	Unit ID No.	Index No	Baghouse	Detection	Dioxin-Listed	Test	Zone
3641	PROHCLREC	63EEE-0001	No		No	No	No

OP-UA3 Table 9a

2023/07

40 CFR 63 G: Organic HAPs from SOCM

Storage Tanks/Vessels

Date: 5/17/2024			Permit No: O1971		Regulated Entity No: RN100219815			
Area Name: C4 - Acetaldehyde			Customer Reference No.: CN601214406					
FD#	Unit ID No.	SOP/GOP Index No	MACT Subpart F/G Applicability	NESHAP Subpart Y Applicability	NSPS Subpart Kb Applicability	Maximum TVP	Emission Control Type	AMOC ID No.
1049	EP034T501A	63G-0013	Yes	No	No	11.11+	PROCESS	
1207	EP034T501B	63G-0013	Yes	No	No	11.11+	PROCESS	
1208	EP034T501C	63G-0013	Yes	No	No	11.11+	PROCESS	
1198	EP034T505A	63G-0018	No	No	No			
1199	EP034T505B	63G-0018	No	No	No			
1200	EP034T506	63G-0018	No	No	No			
1212	EP035T501A	63G-0013	Yes	No	No	11.11+	PROCESS	
1213	EP035T501B	63G-0013	Yes	No	No	11.11+	PROCESS	
1214	EP035T501C	63G-0013	Yes	No	No	11.11+	PROCESS	
1209	EP103T601	63G-0013	Yes	No	No	11.11+	PROCESS	
1210	EP103T602	63G-0013	Yes	No	No	11.11+	PROCESS	
1211	EP115T603	63G-0013	Yes	No	No	11.11+	PROCESS	

OP-UA3 Table 9b

2023/07

40 CFR 63 G: Organic HAPs from SOCMI

Storage Tanks/Vessels

Date: 5/17/2024			Permit No: O1971			Regulated Entity No: RN100219815				
Area Name: C4 - Acetaldehyde			Customer Reference No.: CN601214406							

FD#	Unit ID No.	SOP/GOP Index No	Seal Type	Closed Vent System	Hard Piping	By-pass Lines	Control Device Type	Control Device ID No.	Control Device Design	Design Evaluation Submitted
1049	EP034T501A	63G-0013		SUBPTG	Yes	NONE				
1207	EP034T501B	63G-0013		SUBPTG	Yes	NONE				
1208	EP034T501C	63G-0013		SUBPTG	Yes	NONE				
1198	EP034T505A	63G-0018								
1199	EP034T505B	63G-0018								
1200	EP034T506	63G-0018								
1212	EP035T501A	63G-0013		SUBPTG	Yes	NONE				
1213	EP035T501B	63G-0013		SUBPTG	Yes	NONE				
1214	EP035T501C	63G-0013		SUBPTG	Yes	NONE				
1209	EP103T601	63G-0013		SUBPTG	Yes	NONE				
1210	EP103T602	63G-0013		SUBPTG	Yes	NONE				
1211	EP115T603	63G-0013		SUBPTG	Yes	NONE				

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815			
Area Name:	C4 - Acetaldehyde			Customer Reference No.:	CN601214406			

FD#	Unit ID No.	SOP/GOP Index No	Waste Treatment Tank	Alternative Standards for Tanks	Kb Tank Type	AMEL ID No	Seal Type	Alternative Means of Compliance	AMOC ID No
1050	EP034T511	61FF-0001	Yes	No				No	
2841	EP034T511	61FF-0002	Yes	No				No	
3653	EP034T516	61FF-0001	Yes	No				No	
3654	EP034T516	61FF-0002	Yes	No				No	
1215	EP034T517	61FF-0001	Yes	No				No	
2842	EP034T517	61FF-0002	Yes	No				No	

Date: 5/17/2024		Permit No: O1971			Regulated Entity No: RN100219815			
Area Name: C4 - Acetaldehyde		Customer Reference No.: CN601214406						
FD#	Unit ID No.	SOP/GOP Index No	Tank Control Requirements	Fuel Gas System	Closed Vent System and Control Device	Cover and Closed Vent	Closed Vent System and Control Device AMOC	CVS/CD AMOC ID No.
1050	EP034T511	61FF-0001	CVS-CD	Yes				
2841	EP034T511	61FF-0002	CVS-CD	No		No	No	
3653	EP034T516	61FF-0001	CVS-CD	Yes				
3654	EP034T516	61FF-0002	CVS-CD	No		No	No	
1215	EP034T517	61FF-0001	CVS-CD	Yes				
2842	EP034T517	61FF-0002	CVS-CD	No		No	No	

OP-UA3 Table 12c

2023/07

40 CFR 61 Subpart FF: Benzene Waste Operations (Tanks)

Storage Tanks/Vessels

Date: 5/17/2024

Permit No: O1971

Regulated Entity No: RN100219815

Area Name: C4 - Acetaldehyde

Customer Reference No.: CN601214406

FD#	Control Device		By-pass Line	By-pass Line Valve	Control Device Type/ Operation	Control Device ID No.	Engineering Calculations	Alternate Monitoring Parameters	Carbon Replacement Interval
	Unit ID No.	SOP/GOP Index No							
1050	EP034T511	61FF-0001							
2841	EP034T511	61FF-0002	No		FLARE	C170FL1			
3653	EP034T516	61FF-0001							
3654	EP034T516	61FF-0002	No		FLARE	C170FL1			
1215	EP034T517	61FF-0001							
2842	EP034T517	61FF-0002	No		FLARE	C170FL1			

OP-UA15 Table 6a

2022/11

40 CFR 63 G: Organic HAPs from SOCMI for Process Vents

Emission Points/Stationary Vents

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.:	CN601214406		

FD#	Unit ID No.	SOP/GOP Index No	Overlap	Group 1	Regulation	HAP Concentration	Flow Rate	Electing Control	NSPS TRE Index Value	MACT TRE Index Value	Plant Type
2816	EP034R101	63G-0001	NONE	No		50+	5+	NOELECT		1-4	
2817	EP035R101	63G-0001	NONE	No		50+	5+	NOELECT		1-4	

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.: CN601214406			

FD#	Unit ID No.	SOP/GOP Index No	Control Device	Control Device ID NO	Halogenated	TRE for Halogenated Vent Stream	Halogen Reduction Device	Installation Date	Performance Test
2816	EP034R101	63G-0001	ABSRCV		Yes	Yes			Yes
2817	EP035R101	63G-0001	ABSRCV		Yes	Yes			Yes

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815			
Area Name:	C4 - Acetaldehyde			Customer Reference No.:	CN601214406			

FD#	Unit ID No.	SOP/GOP Index No	Alternate Monitoring Parameters (AMP)	AMP ID No.	Continuous Monitoring	Continuous Monitoring Alt ID No	By-Pass Lines	Flow Indicator
2816	EP034R101	63G-0001	No		NOALT		No	
2817	EP035R101	63G-0001	No		NOALT		No	

Date: 5/17/2024				Permit No: O1971		Regulated Entity No: RN100219815		
Area Name: C4 - Acetaldehyde				Customer Reference No.: CN601214406				
FD#	Unit ID No.	SOP/GOP Index No	Equipment Type	Non Research and Development/ Batch Processes	Vacuum Service	Less Than 300 Operating Hours	Heavy Liquid Service	AMEL
1068	EP034FG1	63H-0001	Yes	Yes	No	No		No

Date: 5/17/2024			Permit No: O1971			Regulated Entity No: RN100219815				
Area Name: C4 - Acetaldehyde			Customer Reference No.: CN601214406							
FD#	SOP/GOP	Enclosed-Vented	Heavy	Batch		Heavy			Heavy	Units
Unit ID No.	Index No	Process Unit	Liquid	Process	Pressure	Liquid	General	AMEL ID No.	Liquid	Without
		AMEL	Service	AMEL	Test	Service	AMEL		Service	An AMEL
1068	EP034FG1	63H-0001	No	No			No			Yes

Date: 5/17/2024			Permit No: O1971			Regulated Entity No: RN100219815					
Area Name: C4 - Acetaldehyde			Customer Reference No.: CN601214406								
FD#			Pumps				Pressure Relief Devices			Sampling Connection Sys	
	Unit ID No.	SOP/GOP Index No	Light Liquid Service	Heavy Liquid Service	QIP	Compressors Any	Gas/Vapor Service	Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service
1068	EP034FG1	63H-0001	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes

Date:	5/17/2024	Permit No:	O1971	Regulated Entity No:	RN100219815
Area Name:	C4 - Acetaldehyde	Customer Reference No.:	CN601214406		

FD#	Unit ID No.	SOP/GOP Index No	Open-Ended Valves or Lines		Valves		QIP	Connectors	
			Any	Heavy Liquid Service	Gas/Vapor or Light Liquid Service	Heavy Liquid Service		Gas/Vapor or Light Liquid Service	Heavy Liquid Service
1068	EP034FG1	63H-0001	Yes	Yes	Yes	Yes	No	Yes	Yes

Date: 5/17/2024			Permit No: O1971		Regulated Entity No: RN100219815			
Area Name: C4 - Acetaldehyde			Customer Reference No.: CN601214406					
FD#		SOP/GOP	Agitators		Instrumentation Systems		Surge Control Vessels or Bottom Receivers	
	Unit ID No.	Index No	Gas/Vapor or Light Liquid Service	Heavy Liquid Service	Any	Heavy Liquid Service	Any	Heavy Liquid Service
1068	EP034FG1	63H-0001	No	No	Yes	Yes	Yes	No

Date: 5/17/2024				Permit No: O1971		Regulated Entity No: RN100219815			
Area Name: C4 - Acetaldehyde				Customer Reference No.: CN601214406					
FD#	SOP/GOP		Any	Recovery or Recapture Devices	Control Device ID No.	Closed-Vent Systems		Control Device ID No.	Control Device ID No.
	Unit ID No.	Index No				Enclosed Combustion Devices	Flares		
1068	EP034FG1	63H-0001	Yes	Yes		No	No		

Date: 5/17/2024		Permit No: O1971		Regulated Entity No: RN100219815			
Area Name: C4 - Acetaldehyde				Customer Reference No.: CN601214406			
FD#	Unit ID No.	SOP/GOP Index No	Bypass Lines	Unsafe To Inspect	Difficult To Inspect	Employee Number	Title 40 CFR Part 63, Subpart H Fugitive Unit Description
1068	EP034FG1	63H-0001	No	Yes	Yes	No	ACETALDEHYDE PLANTS 1 AND 2 MANUFACTURING AND

Submission Attachment List

Confirmation Number: 540868

[Return to Sharenet](#)

There are **20** attachments for confirmation number 540868.

1-20 of 20 Records

Attachment Name	Attachment Type	Confidential	Action
1-C4_FOPO1971-Renewal-Cover-Letter.pdf	application/pdf	No	Save Attachment
10-C4_FOPO1971-Renewal_OP-UA58-Table2.pdf	application/pdf	No	Save Attachment
11a-C4_FOPO1971-Renewal_OP-UA60-Table1.pdf	application/pdf	No	Save Attachment
11b-C4_FOPO1971-Renewal_OP-UA60-Table6.pdf	application/pdf	No	Save Attachment
17-C4_FOPO1971_2010-02-05_FBI AMA RATA EPA.pdf	application/pdf	No	Save Attachment
18-C4_FOPO1971_2000-06-21_HCI_AMA_RATA_TCEQ.pdf	application/pdf	No	Save Attachment
2-C4_FOPO1971_2024-Renewal_Table-of-Contents.pdf	application/pdf	No	Save Attachment
6a-C4_FOPO1971-Renewal_OP-UA3-Table9.pdf	application/pdf	No	Save Attachment
6b-C4_FOPO1971-Renewal_OP-UA3-Table12.pdf	application/pdf	No	Save Attachment
7-C4_FOPO1971-Renewal_OP-UA5-Table5.pdf	application/pdf	No	Save Attachment
8-C4-FOPO1971-Renewal_OP-UA12-Table9.pdf	application/pdf	No	Save Attachment
9-C4_FOPO1971-Renewal_OP-UA15-Table6.pdf	application/pdf	No	Save Attachment
OP_1_3-C4_FOPO1971-Renewal_OP-1.pdf	application/pdf	No	Save Attachment
OP_2_4-C4_FOPO1971-Renewal_OP-2.pdf	application/pdf	No	Save Attachment
OP_ACPS_15-C4-FOPO1971-Renewal_OP-ACPS.pdf	application/pdf	No	Save Attachment
OP_PBRSUP_16-C4_FOPO1971-Renewal-OP-PBRSUP.pdf	application/pdf	No	Save Attachment
OP_REQ1_12-C4_FOPO1971-Renewal_OP-REQ1.pdf	application/pdf	No	Save Attachment
OP_REQ2_13-C4_FOPO1971-Renewal_OP-REQ2.pdf	application/pdf	No	Save Attachment
OP_REQ3_14-C4_FOPO1971-Renewal_OP-REQ3.pdf	application/pdf	No	Save Attachment
OP_SUMR_5-C4_FOPO1971-Renewal_OP-SUMR.pdf	application/pdf	No	Save Attachment

You must have the appropriate application to download and view the attachment.

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

Date:	May 17, 2024
Permit No.:	O1971
RN No.:	RN100219815

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 1		
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter		
A. Visible Emissions		
◆	1. The application area includes stationary vents constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</i> <i>If the response to Question I.A.1 is "NO" and the response to Question I.A.2 is "YES," go to Question I.A.4.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is opting to comply with the requirements for stationary vents constructed after January 31, 1972 for vents in the application area constructed on or before January 31, 1972.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. All stationary vents are addressed on a unit specific basis.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A).	<input type="checkbox"/> YES <input checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. Emissions from units in the application area include contributions from uncombined water.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The application area is located in the City of El Paso, including Fort Bliss Military Reservation, and includes solid fuel heating devices subject to 30 TAC § 111.111(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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

Date:	May 17, 2024
Permit No.:	O1971
RN No.:	RN100219815

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 2	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots	
1. Items a - d determines applicability of any of these requirements based on geographical location.	
◆	a. The application area is located within the City of El Paso. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i>	
2. Items a - d determine the specific applicability of these requirements.	
◆	a. The application area is subject to 30 TAC § 111.143. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	b. The application area is subject to 30 TAC § 111.145. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	c. The application area is subject to 30 TAC § 111.147. <input type="checkbox"/> YES <input type="checkbox"/> NO
◆	d. The application area is subject to 30 TAC § 111.149. <input type="checkbox"/> YES <input type="checkbox"/> NO
C. Emissions Limits on Nonagricultural Processes	
◆	1. The application area includes a nonagricultural process subject to 30 TAC § 111.151. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
	2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <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

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

Date:	May 17, 2024
Permit No.:	O1971
RN No.:	RN100219815

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 3	
I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued)	
C. Emissions Limits on Nonagricultural Processes (continued)	
4. The application area includes oil or gas fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(c).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The application area includes oil or gas fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.5 is "NO," go to Question I.C.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. All oil or gas fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes solid fossil fuel-fired steam generators subject to 30 TAC §§ 111.153(a) and 111.153(b).	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
8. The application area includes solid fossil fuel-fired steam generators that are subject to additional monitoring requirements. <i>If the response to Question I.C.8 is "NO," go to Section I.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
9. All solid fossil fuel-fired steam generators in the application area are subject to additional monitoring requirements.	<input type="checkbox"/> YES <input type="checkbox"/> NO
D. Emissions Limits on Agricultural Processes	
1. The application area includes agricultural processes subject to 30 TAC § 111.171.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
E. Outdoor Burning	
◆ 1. Outdoor burning is conducted in the application area. <i>If the response to Question I.E.1 is "NO," go to Section II.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Fire training is conducted in the application area and subject to the exception provided in 30 TAC § 111.205.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. Fires for recreation, ceremony, cooking, and warmth are used in the application area and subject to the exception provided in 30 TAC § 111.207.	<input type="checkbox"/> YES <input 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 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 type="checkbox"/> NO
◆	6. Hydrocarbon burning is used in the application area and subject to the exception provided in 30 TAC § 111.213.	<input type="checkbox"/> YES <input 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 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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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 type="checkbox"/> NO <input checked="" 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 type="checkbox"/> YES <input checked="" 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. <div style="float: right; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div>
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> <div style="float: right; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div>
◆	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. <div style="float: right; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
◆	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> <div style="float: right; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
◆	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> <div style="float: right; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
◆	5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. <div style="float: right; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
◆	6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. <div style="float: right; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>
◆	7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i> <div style="float: right; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div>

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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 type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)		
◆	1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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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 type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
◆	2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A

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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	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements. </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 3. The application area includes a motor vehicle fuel dispensing facility. </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less. </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 1. The application area is located at a petroleum refinery. </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO </div> </div>
J. Surface Coating Processes (Complete this section for GOP applications only.)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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. </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>

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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 type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
3. Asphalt emulsion is used or produced within the application area.	<input 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 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 type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" 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 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 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 type="checkbox"/> NO <input type="checkbox"/> N/A
◆	5. Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area.	<input type="checkbox"/> YES <input 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 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 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 type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)	
N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC))	
1. The application area includes one or more vent gas streams containing HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All vent streams in the application area that are not routed to a flare contain less than 100 ppmv HRVOC at all times. <i>If the responses to Questions III.N.3 and III.N.4 are both "NO," go to Section III.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area contains pressure relief valves that are not controlled by a flare.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area has at least one vent stream which has no potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has vent streams from a source described in 30 TAC § 115.727(c)(3)(A) - (H).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Cooling Tower Heat Exchange Systems (HRVOC)	
1. The application area includes one or more cooling tower heat exchange systems that emit or have the potential to emit HRVOC.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds	
A. Applicability	
◆ 1. The application area is located in the Houston/Galveston/Brazoria, Beaumont/Port Arthur, or Dallas/Fort Worth Eight-Hour area. <i>For SOP applications, if the response to Question IV.A.1 is "YES," complete Sections IV.B - IV.F and IV.H.</i> <i>For GOP applications for GOPs 511, 512, 513, or 514, if the response to Question IV.A.1 is "YES," go to Section IV.F.</i> <i>For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F.</i> <i>For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included.</i> <i>If the response to Question IV.A.3 is "YES," go to Question IV.G.1.</i> <i>If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
B. Utility Electric Generation in Ozone Nonattainment Areas	
1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)	
C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas	
◆	<div>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.</div> <div><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></div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
◆	<div>2. The application area is located at a site that was a major source of NO_x before November 15, 1992.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</div>
◆	<div>3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
D. Adipic Acid Manufacturing	
	<div>1. The application area is located at, or part of, an adipic acid production unit.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</div>
E. Nitric Acid Manufacturing - Ozone Nonattainment Areas	
	<div>1. The application area is located at, or part of, a nitric acid production unit.</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A</div>
F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines	
◆	<div>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).</div> <div><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></div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
◆	<div>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).</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>
◆	<div>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).</div> <div style="text-align: right;"><input type="checkbox"/> YES <input type="checkbox"/> NO</div>

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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 type="checkbox"/> NO
	2. The application area is complying with the System Cap in 30 TAC § 117.3020.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters		
	1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products	
A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings	
1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products	
1. The application area manufactures consumer products for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued)	
C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings	
1. The application area manufactures or imports architectural coatings for sale or distribution in the United States.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5).	<input type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 18	
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 type="checkbox"/> NO
2. The coal preparation and processing plant has a design capacity greater than 200 tons per day (tpd). <i>If the response to Question VI.B.2 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The plant has an option to enforceably limit its operating level to less than 200 tpd and is choosing this option. <i>If the response to Question VI.B.3 is "YES," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The plant contains an open storage pile, as defined in § 60.251, as an affected facility. <i>If the response to Question VI.B.4 is "NO," go to Section VI.C.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The open storage pile was constructed, reconstructed or modified after May 27, 2009.	<input type="checkbox"/> YES <input type="checkbox"/> NO
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only)	
◆ 1. The application area includes one or more stationary gas turbines that have a heat input at peak load greater than or equal to 10 MMBtu/hr (10.7GJ/hr), based on the lower heating value of the fuel fired. <i>If the response to Question VI.C.1 is "NO" or "N/A," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. One or more of the affected facilities were constructed, modified, or reconstructed after October 3, 1977 and prior to February 19, 2005. <i>If the response to Question VI.C.2 is "NO," go to Section VI.D.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. One or more stationary gas turbines in the application area are using a previously approved alternative fuel monitoring schedule as specified in 40 CFR § 60.334(h)(4).	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The exemption specified in 40 CFR § 60.332(e) is being utilized for one or more stationary gas turbines in the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
C. Subpart GG - Standards of Performance for Stationary Gas Turbines (GOP applicants only) (continued)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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. </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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. </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> 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> </div> <div style="width: 15%;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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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)	
◆	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD.</p> <p><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></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
◆	<p>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.</p>
F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> <p><i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>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.</p> <p><i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i></p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>
	<div style="display: flex; justify-content: space-between;"> <div style="width: 80%;"> <p>2. The application area includes storm water sewer systems.</p> </div> <div style="width: 15%; text-align: right;"> <input type="checkbox"/> YES <input type="checkbox"/> NO </div> </div>

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems (continued)	
3. The application area includes ancillary equipment which is physically separate from the wastewater system and does not come in contact with or store oily wastewater.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes non-contact cooling water systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes individual drain systems. <i>If the response to Question VI.G.5 is "NO," go to Section VI.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes one or more individual drain systems that meet the exemption specified in 40 CFR § 60.692-2(d).	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes completely closed drain systems.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004	
◆ 1. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.H.1. is "N/A," go to Section VI.I. If the response to Question VI.H.1 is "NO," go to Question VI.H.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 3. The application area includes at least one small municipal waste incineration unit, other than an air curtain incinerator, constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.H.4 is "NO," go to Section VI.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)	
H. Subpart AAAA - Standards of Performance for Small Municipal Waste Incineration Units for Which Construction Commenced After August 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 6, 2004 (continued)	
◆ 5. The application area includes at least one air curtain incinerator constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006. <i>If the response to Question VI.H.5 is "NO," go to Question VI.H.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 6. All air curtain incinerators constructed after August 30, 1999 or modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 7. The application area includes at least one air curtain incinerator constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 8. All air curtain incinerators constructed before August 30, 1999 and not modified or reconstructed on or after June 6, 2006 combust only yard waste.	<input type="checkbox"/> YES <input type="checkbox"/> NO
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001	
◆ 1. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.I.1 is "N/A," go to Section VI.J. If the response to Question VI.I.1 is "NO," go to Question VI.I.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
I. Subpart CCCC - Standards of Performance for Commercial and Industrial Solid Waste Incineration Units for Which Construction Commenced After November 30, 1999 or for Which Modification or Reconstruction Commenced on or After June 1, 2001 (continued)		
◆	3. The application area includes at least one commercial or industrial solid waste incineration unit, other than an air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.I.4 is "NO," go to Section VI.J.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator, constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001. <i>If the response to Question VI.I.5 is "NO," go to VI.I.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after November 30, 1999 or modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator, constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	8. All air curtain incinerators constructed before November 30, 1999 and not modified or reconstructed on or after June 1, 2001 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)		
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006		
◆	1. The application area includes at least one very small municipal waste incineration unit or institutional incineration unit, other than an air curtain incinerator. <i>If the response to Question VI.J.1 is "N/A," go to Section VI.K. If the response to Question VI.J.1 is "NO," go to Question VI.J.4.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area includes at least one very small municipal waste incineration unit, other than an air curtain incinerator, constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area includes at least one air curtain incinerator. <i>If the response to Question VI.J.4 is "NO," go to Section VI.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area includes at least one air curtain incinerator constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006. <i>If the response to Question VI.J.5 is "NO," go to Question VI.J.7.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	6. All air curtain incinerators constructed after December 9, 2004 or modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	7. The application area includes at least one air curtain incinerator constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (NSPS) (continued)	
J. Subpart EEEE - Standards of Performance for Other Solid Waste Incineration Units for Which Construction Commenced After December 9, 2004 or for Which Modification or Reconstruction Commenced on or After June 16, 2006 (continued)	
◆	8. All air curtain incinerators constructed before December 9, 2004 and not modified or reconstructed on or after June 16, 2006 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	9. The air curtain incinerator is located at an institutional facility and is a distinct operating unit of the institutional facility that generated the waste.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. The air curtain incinerator burns less than 35 tons per day of wood waste, clean lumber, or yard waste or a mixture of these materials.
	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart OOOO - Standards of Performance for Crude Oil and Natural Gas Production, Transmission and Distribution	
◆	1. The application area includes one or more of the onshore affected facilities listed in 40 CFR § 60.5365(a)-(g) that are subject to 40 CFR Part 60, Subpart OOOO.
	<input type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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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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 checked="" 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 checked="" type="checkbox"/> NO
2. The application area includes benzene transfer operations at marine vessel loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
G. Subpart BB - National Emission Standard for Benzene Emissions from Benzene Transfer Operations (continued)	
3. The application area includes benzene transfer operations at railcar loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes benzene transfer operations at tank-truck loading racks.	<input type="checkbox"/> YES <input type="checkbox"/> NO
H. Subpart FF - National Emission Standard for Benzene Waste Operations	
Applicability	
1. The application area includes a chemical manufacturing plant, coke by-product recovery plant, or petroleum refinery facility as defined in § 61.341.	<input checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Applicability (continued)	
6. The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation.	<input checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
Waste Stream Exemptions	
8. The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw).	<input checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
11. The application area transfers waste off-site for treatment by another facility.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
12. The application area is complying with 40 CFR § 61.342(d).	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Container Requirements	
15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. <i>If the response to Question VII.H.15 is "NO," go to Question VII.H.18.</i>	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
Individual Drain Systems	
18. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage non-exempt benzene waste. <i>If the response to Question VII.H.18 is "NO," go to Question VII.H.25.</i>	<input checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
21. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)	
H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)	
Individual Drain Systems (continued)	
22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Remediation Activities	
25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF.	<input checked="" 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 checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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	
Applicability	
<p>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.</p> <p><i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i></p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<p>2. The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148.</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<p>3. The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148.</p> <p><i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i></p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<p>4. The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping.</p>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<p>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.</p> <p><i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Vapor Collection and Closed Vent Systems	
<p>6. Flow indicators are installed, calibrated, maintained, and operated at the entrances to bypass lines in the application area.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
<p>7. Bypass lines in the application area are secured in the closed position with a car-seal or a lock-and-key type configuration.</p>	<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>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 checked="" 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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)	
Process Wastewater Streams (continued)	
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 checked="" 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 checked="" type="checkbox"/> NO
21. The application area includes process wastewater streams, located at existing sources that are Group 2.	<input checked="" 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 checked="" 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 checked="" 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)	
Process Wastewater Streams (continued)	
24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i>	<input type="checkbox"/> YES <input checked="" 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 checked="" 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 checked="" 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 checked="" 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 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)	
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 checked="" 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 checked="" 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 checked="" type="checkbox"/> NO
36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)	
Drains (continued)	
37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
38. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.100(l)(1) or (l)(2); and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 8, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Gas Streams	
39. The application area includes gas streams meeting the characteristics of 40 CFR § 63.107(b) - (h) or the criteria of 40 CFR § 63.113(i) and are transferred to a control device not owned or operated by the applicant.	<input type="checkbox"/> YES <input checked="" 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 checked="" type="checkbox"/> NO
D. Subpart N - National Emission Standards for Chromium Emissions From Hard and Decorative Chromium Electroplating and Chromium Anodizing Tanks	
1. The application area includes chromium electroplating or chromium anodizing tanks located at hard chromium electroplating, decorative chromium electroplating, and/or chromium anodizing operations.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
E. Subpart O - Ethylene Oxide Emissions Standards for Sterilization Facilities	
1. The application area includes sterilization facilities where ethylene oxide is used in the sterilization or fumigation of materials. <i>If the response to Question VIII.E.1 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Sterilization facilities located in the application area are subject to 40 CFR Part 63, Subpart O. <i>If the response to Question VIII.E.2 is "NO," go to Section VIII.F.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The sterilization source has used less than 1 ton (907 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The sterilization source has used less than 10 tons (9070 kg) of ethylene oxide within all consecutive 12-month periods after December 6, 1996.	<input type="checkbox"/> YES <input type="checkbox"/> NO
F. Subpart Q - National Emission Standards for Industrial Process Cooling Towers	
1. The application area includes industrial process cooling towers. <i>If the response to Question VIII.F.1 is "NO," go to Section VIII.G.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Chromium-based water treatment chemicals have been used on or after September 8, 1994.	<input type="checkbox"/> YES <input type="checkbox"/> NO
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations)	
1. The application area includes a bulk gasoline terminal.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes a pipeline breakout station. <i>If the responses to Questions VIII.G.1 and VIII.G.2 are both "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with another bulk gasoline terminal or a pipeline breakout station. <i>If the response to Question VIII.G.3 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)	
4. The bulk gasoline terminal or pipeline breakout station is located within a contiguous area and under common control with sources, other than bulk gasoline terminals or pipeline breakout stations that emit or have the potential to emit HAPs. <i>If the response to Question VIII.G.4 is "YES," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. An emissions screening factor was calculated for the bulk gasoline terminal or pipeline breakout station. <i>If the response to Question VIII.G.5 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The value 0.04(OE) is less than 5% of the value of the bulk gasoline terminal emissions screening factor (ET) or the pipeline breakout station emissions screening factor (Ep). <i>If the response to Question VIII.G.6 is "NO," go to Question VIII.G.10.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. Emissions screening factor less than 0.5 (ET or EP < 0.5). <i>If the response to Question VIII.G.7 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Emissions screening factor greater than or equal to 0.5, but less than 1.0 (0.5 ≤ ET or EP < 1.0). <i>If the response to Question VIII.G.8 is "YES," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Emissions screening factor greater than or equal to 1.0 (ET or EP ≥ 1.0). <i>If the response to Question VIII.G.9 is "YES," go to Question VIII.G.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The site at which the application area is located is a major source of HAP. <i>If the response to Question VIII.G.10 is "NO," go to Section VIII.H.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area is using an alternative leak monitoring program as described in 40 CFR § 63.424(f).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
H. Subpart S - National Emission Standards for Hazardous Air Pollutants from the Pulp and Paper Industry	
1. The application area includes processes that produce pulp, paper, or paperboard and are located at a plant site that is a major source of HAPs as defined in 40 CFR § 63.2. <i>If the response to Question VIII.H.1 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area uses processes and materials specified in 40 CFR § 63.440(a)(1) - (3). <i>If the response to Question VIII.H.2 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes one or more sources subject to 40 CFR Part 63, Subpart S that are existing sources. <i>If the response to Question VIII.H.3 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes one or more kraft pulping systems that are existing sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes one or more dissolving-grade bleaching systems that are existing sources at a kraft or sulfite pulping mill.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes bleaching systems that are existing sources and are complying with the Voluntary Advanced Technology Incentives Program for Effluent Limitation Guidelines in 40 CFR § 430.24. <i>If the response to Question VIII.H.6 is "NO," go to Section VIII.I.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes bleaching systems that are complying with 40 CFR § 63.440(d)(3)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
I. Subpart T - National Emission Standards for Halogenated Solvent Cleaning	
1. The application area includes an individual batch vapor, in-line vapor, in-line cold, and/or batch cold solvent cleaning machine that uses a hazardous air pollutant (HAP) solvent, or any combination of halogenated HAP solvents, in a total concentration greater than 5% by weight, as a cleaning and/or drying agent.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area is located at a major source and includes solvent cleaning machines, qualifying as affected facilities, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area is located at an area source and includes solvent cleaning machines, other than cold batch cleaning machines, that use perchloroethylene, trichloroethylene or methylene chloride.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins	
1. The application area includes elastomer product process units and/or wastewater streams and wastewater operations that are associated with elastomer product process units. <i>If the response to Question VIII.J.1 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. Elastomer product process units and/or wastewater streams and wastewater operations located in the application area are subject to 40 CFR Part 63, Subpart U. <i>If the response to Question VIII.J.2 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes process wastewater streams that are Group 2 for organic HAPs as defined in 40 CFR § 63.482.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
5. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.5 is "YES," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.J.6 is "NO," go to Question VIII.J.8.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.J.8 - VIII.J.9 are both "NO," go to Question VIII.J.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Containers	
11. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
12. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.J.12 is "NO," go to Question VIII.J.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an elastomer product process unit. <i>If the response to Question VIII.J.15 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.501(a)(12). <i>If the response to Question VIII.J.16 is "NO," go to Section VIII.K.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
J. Subpart U - National Emission Standards for Hazardous Air Pollutant Emissions: Group 1 Polymers and Resins (continued)	
Drains (continued)	
17. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an elastomer product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.482, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
K. Subpart W - National Emission Standards for Hazardous Air Pollutants for Epoxy Resins Production and Non-nylon Polyamides Production	
1. The manufacture of basic liquid epoxy resins (BLR) and/or manufacture of wet strength resins (WSR) is conducted in the application area. <i>If the response to Question VIII.K.1 is "NO" or "N/A," go to Section VIII.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes a BLR and/or WSR research and development facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
L. Subpart X - National Emission Standards for Hazardous Air Pollutants from Secondary Lead Smelting	
1. The application area includes one or more of the affected sources in 40 CFR § 63.541(a) that are located at a secondary lead smelter. <i>If the response to Question VIII.L.1 is "NO" or "N/A," go to Section VIII.M.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area is using and approved alternate to the requirements of § 63.545(c)(1)-(5) for control of fugitive dust emission sources.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Subpart Y - National Emission Standards for Marine Tank Vessel Loading Operations	
1. The application area includes marine tank vessel loading operations that are specified in 40 CFR § 63.560 and located at an affected source as defined in 40 CFR § 63.561.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries	
Applicability	
1. The application area includes petroleum refining process units and/or related emission points that are specified in 40 CFR § 63.640(c)(1) - (c)(7). <i>If the response to Question VIII.N.1 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. All petroleum refining process units/and or related emission points within the application area are specified in 40 CFR § 63.640(g)(1) - (g)(7). <i>If the response to Question VIII.N.2 is "YES," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
3. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.N.3 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area is located at a plant site which emits or has equipment containing/contacting one or more of the HAPs listed in table 1 of 40 CFR Part 63, Subpart CC. <i>If the response to Question VIII.N.4 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes Group 1 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes Group 2 wastewater streams that are not conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes Group 1 or Group 2 wastewater streams that are conveyed, stored, or treated in a wastewater stream management unit that also receives streams subject to the provisions of 40 CFR §§ 63.133 - 63.147 of Subpart G wastewater provisions section. <i>If the response to Question VIII.N.7 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(i).	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
N. Subpart CC - National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries (continued)	
Applicability (continued)	
9. The application area includes Group 1 or Group 2 wastewater streams that are complying with 40 CFR § 63.640(o)(2)(ii). <i>If the response to Question VIII.N.9 is "NO," go to Section VIII.O.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes Group 2 wastewater streams or organic streams whose benzene emissions are subject to control through the use of one or more treatment processes or waste management units under the provisions of 40 CFR Part 61, Subpart FF on or after December 31, 1992.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers, Drains, and other Appurtenances	
11. The application area includes containers that are subject to the requirements of 40 CFR § 63.135 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes individual drain systems that are subject to the requirements of 40 CFR § 63.136 as a result of complying with 40 CFR § 63.640(o)(2)(ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations	
1. The application area receives material that meets the criteria for off-site material as specified in 40 CFR § 63.680(b)(1). <i>If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area has a waste management operation receiving off-site material and is regulated under 40 CFR Part 264 or Part 265.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
4. The application area has a waste management operation treating wastewater which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(6) or 265.1(c)(10).	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area has an operation subject to Clean Water Act, § 402 or § 307(b) but is not owned by a “state” or “municipality.”	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The predominant activity in the application area is the treatment of wastewater received from off-site.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area has a recovery operation that recycles or reprocesses hazardous waste which is an off-site material and is exempted under 40 CFR §§ 264.1(g)(2) or 265.1(c)(6).	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. The application area has a recovery operation that recycles or reprocesses used solvent which is an off-site material and is not part of a chemical, petroleum, or other manufacturing process that is required to use air emission controls by another subpart of 40 CFR Part 63 or Part 61.	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The application area has a recovery operation that re-refines or reprocesses used oil which is an off-site material and is regulated under 40 CFR Part 279, Subpart F (Standards for Used Oil Processors and Refiners).	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area is located at a site where the total annual quantity of HAPs in the off-site material is less than 1 megagram per year. <i>If the response to Question VIII.O.10 is “YES,” go to Section VIII.P.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
O. Subpart DD - National Emission Standards for Off-site Waste and Recovery Operations (continued)	
11. The application area receives offsite materials with average VOHAP concentration less than 500 ppmw at the point of delivery that are not combined with materials having a VOHAP concentration of 500 ppmw or greater. <i>If the response to Question VIII.O.11 is "NO," go to Question VIII.O.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. VOHAP concentration is determined by direct measurement.	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. VOHAP concentration is based on knowledge of the off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes an equipment component that is a pump, compressor, and agitator, pressure relief device, sampling connection system, open-ended valve or line, valve, connector or instrumentation system. <i>If the response to Question VIII.O.14 is "NO," go to Question VIII.O.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. An equipment component in the application area contains or contacts off-site material with a HAP concentration greater than or equal to 10% by weight.	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. An equipment component in the application area is intended to operate 300 hours or more during a 12-month period.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes containers that manage non-exempt off-site material.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes individual drain systems that manage non-exempt off-site materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
P. Subpart GG - National Emission Standards for Aerospace Manufacturing and Rework Facilities	
1. The application area includes facilities that manufacture or rework commercial, civil, or military aerospace vehicles or components. <i>If the response to Question VIII.P.1 is "NO" or "N/A," go to Section VIII.Q.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
2. The application area includes one or more of the affected sources specified in 40 CFR § 63.741(c)(1) - (7).	<input type="checkbox"/> YES <input type="checkbox"/> NO
Q. Subpart HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities.	
◆ 1. The application area contains facilities that process, upgrade or store hydrocarbon liquids that are located at oil and natural gas production facilities prior to the point of custody transfer.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. The application area contains facilities that process, upgrade or store natural gas prior to the point at which natural gas enters the natural gas transmission and storage source category or is delivered to a final end user. <i>For SOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.R.</i> <i>For GOP applications, if the responses to Questions VIII.Q.1 and VIII.Q.2 are both "NO," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 3. The application area contains only facilities that exclusively process, store or transfer black oil as defined in § 63.761. <i>For SOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.R.</i> <i>For GOP applications, if the response to Question VIII.Q.3 is "YES," go to Section VIII.Z.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆ 4. The application area is located at a site that is a major source of HAP. <i>If the response to Question VIII.Q.4 is "NO," go to Question VIII.Q.6.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)		
Q. Subpart - HH - National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities (continued)		
◆	<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)	
15. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an acetal resins production process unit; an acrylic and modacrylic fiber production process unit complying with 40 CFR § 63.1103(b)(3)(i); or an existing polycarbonate production process unit. <i>If the response to Question VIII.W.15 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.1106(c)(1) - (3). <i>If the response to Question VIII.W.16 is "NO," go to Question VIII.W.20.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes an ethylene production process unit.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i>	<input checked="" type="checkbox"/> YES <input 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 checked="" 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 checked="" 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 checked="" 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 checked="" 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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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 checked="" 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 checked="" 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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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 checked="" type="checkbox"/> NO
48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure.	<input type="checkbox"/> YES <input type="checkbox"/> NO
51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 64	
VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)	
53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device.	<input type="checkbox"/> YES <input type="checkbox"/> NO
54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile.	<input type="checkbox"/> YES <input type="checkbox"/> NO
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins	
1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
5. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes process wastewater streams, located at existing sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams, located at new sources, that are Group 2 for organic HAPs as defined in 40 CFR § 63.1312.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.8 is "YES," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.X.9 is "NO," go to Question VIII.X.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.X.11 - VIII.X.12 are both "NO," go to Question VIII.X.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
13. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Containers	
14. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input type="checkbox"/> NO
Drains	
15. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.X.15 is "NO," go to Question VIII.X.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of an thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)	
Drains (continued)	
19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate.	<input type="checkbox"/> YES <input type="checkbox"/> NO
21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	
1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills.	
◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON)	
1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1).	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a).	<input 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.18.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment.	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual.	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected.	<input type="checkbox"/> YES <input type="checkbox"/> NO
15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport.	<input type="checkbox"/> YES <input type="checkbox"/> NO
18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs.	<input type="checkbox"/> YES <input type="checkbox"/> NO
22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr.	<input type="checkbox"/> YES <input type="checkbox"/> NO
25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute.	<input type="checkbox"/> YES <input type="checkbox"/> NO
26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)	
BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production.	
1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation	
1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO
3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
5. The site remediation will be completed within 30 consecutive calendar days.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i>	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility.	<input type="checkbox"/> YES <input type="checkbox"/> NO
8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation (continued)	
9. The application area includes containers that manage site remediation materials subject to 40 CFR Part 63, Subpart GGGGG. <i>If the response to Question VIII.CC.9 is "NO," go to Question VIII.CC.14.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
10. The application area includes containers using Container Level 1 controls as specified in 40 CFR § 63.922(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
11. The application area includes containers with a capacity greater than 0.46 m ³ that meet the requirements of 40 CFR § 63.7900(b)(3)(i) and (ii).	<input type="checkbox"/> YES <input type="checkbox"/> NO
12. The application area includes containers using Container Level 2 controls as specified in 40 CFR § 63.923(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
13. The application area includes containers using Container Level 3 controls as specified in 40 CFR § 63.924(b).	<input type="checkbox"/> YES <input type="checkbox"/> NO
14. The application area includes individual drain systems complying with the requirements of 40 CFR § 63.962.	<input type="checkbox"/> YES <input type="checkbox"/> NO
DD. Subpart YYYYY - National Emission Standards for Hazardous Air Pollutants for Area/Sources: Electric Arc Furnace Steelmaking Facilities	
1. The application area includes an electric arc furnace (EAF) steelmaking facility, and the site is an area source of hazardous air pollutant (HAP) emissions. <i>If the response to Question VIII.DD.1 is "NO," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The EAF steelmaking facility is a research and development facility. <i>If the response to Question VIII.DD.2 is "YES," go to Section VIII.EE.</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. Metallic scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. Scrap containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. Scrap not containing motor vehicle scrap is utilized in the EAF.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)	
EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities	
1. The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i>	<input 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 BBBBBB, 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 BBBBBB.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i>	<input type="checkbox"/> YES <input 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆ 2. Provide the Subpart designation (i.e. Subpart EEE) in the space provided below.	

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IX. Title 40 Code of Federal Regulations Part 68 (40 CFR Part 68) - Chemical Accident Prevention Provisions	
A. Applicability	
◆	1. The application area contains processes subject to 40 CFR Part 68, Chemical Accident Prevention Provisions, and specified in 40 CFR § 68.10. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
X. Title 40 Code of Federal Regulations Part 82 (40 CFR Part 82) - Protection of Stratospheric Ozone	
A. Subpart A - Production and Consumption Controls	
◆	1. The application area is located at a site that produces, transforms, destroys, imports, or exports a controlled substance or product. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
B. Subpart B - Servicing of Motor Vehicle Air Conditioners	
◆	1. Servicing, maintenance, and/or repair of fleet vehicle air conditioning systems using ozone-depleting refrigerants is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
C. Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances	
◆	1. The application area sells or distributes one or more nonessential products (which release a Class I or Class II substance) that are subject to 40 CFR Part 82, Subpart C. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
D. Subpart D - Federal Procurement	
◆	1. The application area is owned/operated by a department, agency, or instrumentality of the United States. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
E. Subpart E - The Labeling of Products Using Ozone Depleting Substances	
◆	1. The application area includes containers in which a Class I or Class II substance is stored or transported prior to the sale of the Class I or Class II substance to the ultimate consumer. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products containing a Class I or Class II substance. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area is a manufacturer, importer, wholesaler, distributor, or retailer of products manufactured with a process that uses a Class I or Class II substance. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 77	
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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. Disposal of appliances (including motor vehicle air conditioners) or refrigerant or non-exempt substitute reclamation occurs in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The application area manufactures appliances or refrigerant recycling and recovery equipment. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
G. Subpart G - Significant New Alternatives Policy Program	
◆	1. The application area manufactures, formulates, or creates chemicals, product substitutes, or alternative manufacturing processes that are intended for use as a replacement for a Class I or Class II compound. <i>If the response to Question X.G.1 is "NO" or "N/A," go to Section X.H.</i> <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All substitutes produced by the application area meet one or more of the exemptions in 40 CFR § 82.176(b)(1) - (7). <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
H. Subpart H -Halon Emissions Reduction	
◆	1. Testing, servicing, maintaining, repairing, or disposing of equipment containing halons is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. Disposal of halons or manufacturing of halon blends is conducted in the application area. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
XI. Miscellaneous	
A. Requirements Reference Tables (RRT) and Flowcharts	
1.	The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed an RRT and flowchart. <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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Form OP-REQ1: Page 78	
XI. Miscellaneous (continued)	
B. Forms	
◆ 1. The application area contains units that are potentially subject to a regulation for which the TCEQ has not developed a unit attribute form. <i>If the response to Question XI.B.1 is "NO" or "N/A," go to Section XI.C.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆ 2. Provide the Part and Subpart designation for the federal rule(s) or the Chapter, Subchapter, and Division designation for the State regulation(s) in the space provided below.	
C. Emission Limitation Certifications	
◆ 1. The application area includes units for which federally enforceable emission limitations have been established by certification.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements	
1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP).	<input checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> YES <input 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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Form OP-REQ1: Page 79	
XI. Miscellaneous (continued)	
E. Title IV - Acid Rain Program	
1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program	
1. The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _x and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
7. The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XI. Miscellaneous (continued)	
G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program	
1. The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
3. The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
4. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
5. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input.	<input type="checkbox"/> YES <input type="checkbox"/> NO
6. The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
H. Permit Shield (SOP Applicants Only)	
1. A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit.	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 81		
XI. Miscellaneous (continued)		
I. GOP Type (Complete this section for GOP applications only)		
◆	1. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 511 - Oil and Gas General Operating Permit for Brazoria, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Montgomery, Orange, Parker, Rockwall, Tarrant, Waller, and Wise Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	2. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 512 - Oil and Gas General Operating Permit for Gregg, Nueces, and Victoria Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	3. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 513 - Oil and Gas General Operating Permit for Aransas, Bexar, Calhoun, Matagorda, San Patricio, and Travis Counties.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	4. The application area is applying for initial issuance, revision, or renewal of an oil and gas general operating permit under GOP No. 514 - Oil and Gas General Operating Permit for All Texas Counties Except Aransas, Bexar, Brazoria, Calhoun, Chambers, Collin, Dallas, Denton, El Paso, Ellis, Fort Bend, Galveston, Gregg, Hardin, Harris, Jefferson, Johnson, Kaufman, Liberty, Matagorda, Montgomery, Nueces, Orange, Parker, Rockwall, San Patricio, Tarrant, Travis, Victoria, Waller, and Wise County.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	5. The application area is applying for initial issuance, revision, or renewal of a solid waste landfill general operating permit under GOP No. 517 - Municipal Solid Waste Landfill general operating permit.	<input type="checkbox"/> YES <input type="checkbox"/> NO
J. Title 30 TAC Chapter 101, Subchapter H		
◆	1. The application area is located in a nonattainment area. <i>If the response to Question XI.J.1 is "NO," go to question XI.J.3.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A
◆	3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A

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Form OP-REQ1: Page 82		
XI. Miscellaneous (continued)		
J. Title 30 TAC Chapter 101, Subchapter H (continued)		
◆	4. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x .	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	5. The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	6. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	7. The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
K. Periodic Monitoring		
◆	1. The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application.	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	2. The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	3. All periodic monitoring requirements are being removed from the permit with this application.	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 83		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring		
◆	<p>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.</p> <p><i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i></p>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
◆	<p>2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement.</p> <p><i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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.</p> <p><i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<p>5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit.</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
	<p>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.</p>	
◆	<p>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).</p>	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	<p>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).</p> <p><i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i></p>	<input type="checkbox"/> YES <input type="checkbox"/> NO

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Form OP-REQ1: Page 84		
XI. Miscellaneous (continued)		
L. Compliance Assurance Monitoring (continued)		
◆	9. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses particulate matter, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass.	<input type="checkbox"/> YES <input type="checkbox"/> NO
M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times		
◆	1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A
◆	2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials.	<input type="checkbox"/> YES <input type="checkbox"/> NO
XII. New Source Review (NSR) Authorizations		
A. Waste Permits with Air Addendum		
◆	1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i>	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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XII. New Source Review (NSR) Authorizations (continued)		
B. Air Quality Standard Permits		
◆	1. The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i>	<input 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. 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. 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. 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 type="checkbox"/> NO
◆	14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region.	<input type="checkbox"/> YES <input type="checkbox"/> NO
◆	15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization.	<input type="checkbox"/> YES <input 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 E-J)			
E. PSD Permits and PSD Major Pollutants			
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
PSD Permit No.:	Issuance Date:	Pollutant(s):	
<i>If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
F. Nonattainment (NA) Permits and NA Major Pollutants			
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
NA Permit No.:	Issuance Date:	Pollutant(s):	
<i>If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.</i>			
G. NSR Authorizations with FCAA § 112(g) Requirements			
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
NSR Permit No.:	Issuance Date:	NSR Permit No.:	Issuance Date:
◆ H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area			
Authorization No.: 681	Issuance Date: 04/30/2019	Authorization No.: 170566	Issuance Date: 10/12/2022
Authorization No.: 48626	Issuance Date: 04/12/2018	Authorization No.:	Issuance Date:
Authorization No.: 84724	Issuance Date: 08/19/2013	Authorization No.:	Issuance Date:
Authorization No.: 161886	Issuance Date: 07/16/2020	Authorization No.:	Issuance Date:

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

Date:	May 17, 2024
Permit No.:	O1971
RN No.:	RN100219815

For SOP applications, answer ALL questions unless otherwise directed.

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

Form OP-REQ1: Page 88	
XII. NSR Authorizations (Attach additional sheets if necessary for sections E-J)	
◆ I. Permits by Rule (30 TAC Chapter 106) for the Application Area	
<i>A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.</i>	
PBR No.: 106.261	Version No./Date: 11/01/2003
PBR No.: 106.262	Version No./Date: 11/01/2003
PBR No.: 106.264	Version No./Date: 09/04/2000
PBR No.: 106.472	Version No./Date: 09/04/2000
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
PBR No.:	Version No./Date:
◆ J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum	
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:
Permit No.:	Issuance Date:

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
May 17, 2024	O1971	RN100219815

Unit ID No.	Registration No.	PBR No.	Registration Date
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512, SD103LR1, SD103LT20 (PROHAC1, PROHAC2)	125571	106.261 and 106.262	December 23, 2014
EP035T101 (PROHAC2)	147495	106.261 and 106.264	August 16, 2017
EP035E701 (PROHCLREC)	148833	106.261, 106.262, and 106.264	November 22, 2017

SD103LR1 and SD103LT20 represent rail and truck loading operations and are included with Eastman's C7 – Materials Handling, FOP O1436.

EP034ANAL, EP034D202, EP034MNT1, EP034SAT, EP034T304, EP035D202, EP035E701, EP035T101, EP035T304, EP035T310, are not listed in FOP O1971 since there are no potentially applicable regulations.

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
May 17, 2024	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date
EP115T604, EP115T608, EP115T609	106.472	09/04/2000

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
Texas Commission on Environmental Quality

Date	Permit Number	Regulated Entity Number
May 17, 2024	O1971	RN100219815

PBR No.	Version No./Date
N/A	

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
May 17, 2024	O1971	RN100219815

Unit ID No.	PBR No.	Version No./Date Or Registration No.	Monitoring Requirement
EP034ANAL, EP034D202, EP034FG1, EP034MNT1, EP034SAT, EP034T304, EP034T511, EP034T516, EP034T517, EP035D202, EP035T304, EP035T310, EP035T503, EP035T512, SD103LR1, SD103LT20 (PROHAC1, PROHAC2)	106.261 and 106.262	11/01/2003; Registration 125571	NSR Permit No. 48626, Special Condition Nos. 1 and 17
EP035T101 (PROHAC2)	106.261 and 106.264	11/01/2003 and 09/04/2000; Registration 147495	NSR Permit No. 48626, Special Condition Nos. 1, 14, and 18
EP035E701 (PROHCLREC)	106.261, 106.262, and 106.264	11/01/2003 and 09/04/2000; Registration 148833	NSR Permit No. 681, Special Condition Nos. 1, 2, 3, 4, 5, 7, and 8
EP115T604, EP115T608, EP115T609	106.472	09/04/2000	NSR Permit No. 48626, Special Condition No. 13 and ensure that the hydrochloric acid storage vessels are vented through a water scrubber as required by 30 TAC, Chapter 106.472(7).

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

Date: 05/17/2024	Regulated Entity No.: 100219815	Permit No.: O1971
Company Name: Eastman Chemical Company		Area Name: C4 – Acetaldehyde

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1

A. Compliance Plan — Future Activity Committal Statement	
<p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p>	
B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column)	
1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)?	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i>	0
<p>* For Site Operating Permits (SOPs), the complete application should be consulted for applicable requirements and their corresponding emission units when assessing compliance status. For General Operating Permits (GOPs), the application documentation, particularly Form OP-REQ1 should be consulted as well as the requirements contained in the appropriate General Permits portion of 30 TAC Chapter 122.</p> <p>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.</p>	

**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 05/17/2024	Regulated Entity No.: 100219815	Permit No.: O1971
Company Name: Eastman Chemical Company		Area Name: C4 – Acetaldehyde

Part 2

A. Compliance Schedule		
<p>If there are non-compliance situations ongoing at time of application, then complete a separate OP-ACPS Part 2 for each separate non-compliance situation. <i>(See form instruction for details.)</i> If there are no non-compliance situations ongoing at time of application, then this section is not required to be completed.</p>		
1. Specific Non-Compliance Situation		
Unit/Group/Process ID No.(s):		
SOP Index No.:		
Pollutant:		
Applicable Requirement		
Citation	Text Description	
2. Compliance Status Assessment Method and Records Location		
Citation	Text Description	Location of Records/Documentation
3. Non-compliance Situation Description		
4. Corrective Action Plan Description		
5. List of Activities/Milestones to Implement the Corrective Action Plan		

**Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule**

Date: 05/17/2024	Regulated Entity No.: 100219815	Permit No.: O1971
Company Name: Eastman Chemical Company		Area Name: C4 – Acetaldehyde

Part 2 (continued)

6. Previously Submitted Compliance Plan(s)	
Type of Action	Date Submitted
7. Progress Report Submission Schedule	

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

Date: 5/17/2024	Account No: HH0042M							
Permit No: O1971	Area Name: C4 - Acetaldehyde							
Regulated Entity No.: RN100219815	Customer Reference No.: CN601214406							
Company Name: EASTMAN CHEMICAL COMPANY								
For Submittals to EPA Has a copy of this application been submitted (or is being submitted) to EPA? YES								
I. Application Type: Indicate the type of application:								
<input checked="checked" type="checkbox"/> Renewal	<input type="checkbox"/> Revision Requesting Prior Approval							
<input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in instructions.)	<input type="checkbox"/> Administrative Revision							
<input type="checkbox"/> Significant Revision	<input type="checkbox"/> Response to Reopening							
II. Qualification Statement:								
For SOP Revisions Only	The referenced changes qualify for the marked revision type (YES or NO) YES							
For GOP Revisions Only	The permitted area continues to qualify for a GOP (YES or NO)							
III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations)								
Indicate all pollutants for which the site is a major source based on the site's potential to emit aftr the change is operated.								
Pollutant	VOC	NOx	SO2	PM10	CO	Pb	HAPS	Other
Major at the Site (YES/NO)	YES	YES	YES	YES	YES	NO	YES	NO
IV. Reference Only Requirements (For reference only)								
Has the applicant paid emission fees for the most recent agency fiscal year (September 1 - August 31)?								
RO is opting out of electronic correspondence from TCEQ (otherwise leave blank)							<input type="checkbox"/> Opt-Out of E-mailed Docs	
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.								

TCEQ Application for Permit Revision/Renewal

Form OP-2

Federal Operating Permit Program Table 2

Date:	5/17/2024	Permit No:	O1971	Account No:	HH0042M	Regulated Entity No.:	RN100219815
Area Name:	C4 - Acetaldehyde	Company Name:	EASTMAN CHEMICAL COMPANY			Customer Reference No.:	CN601214406
Revision No.	Revision Code	Unit/Group Process			NSR Authorization	Description of Change and Provisional Terms and Conditions	
		New Unit	ID No.	Applicable Form			
1	MS-C	NO	EP034FG1	OP-UA12	N/A	OPUA UA Attrib-Value Change(s)	
2	MS-C	NO	EP034FG2	OP-REQ2	N/A	OPSUMR TAC_116_106 from '48626, 106.261/11/01/2003, 106.262/11/01/2003' To '48626'	
3	MS-C	NO	EP034T511	OP-UA03	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.261/11/01/2003, 106.262/11/01/2003'	
4	MS-C	NO	EP034T511	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)	
5	MS-C	NO	EP034T511	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)	
6	MS-C	NO	EP034T516	OP-UA03	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.261/11/01/2003, 106.262/11/01/2003'	
7	MS-C	NO	EP034T516	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)	
8	MS-C	NO	EP034T516	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)	
9	MS-C	NO	EP034T517	OP-UA03	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.261/11/01/2003, 106.262/11/01/2003'	
10	MS-C	NO	EP034T517	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)	
11	MS-C	NO	EP034T517	OP-UA03	N/A	OPUA UA Attrib-Value Change(s)	
12	MS-C	NO	EP035FG2	OP-REQ2	N/A	OPSUMR TAC_116_106 from '681, 106.261/11/01/2003, 106.262/11/01/2003' To '681'	
13	MS-C	NO	EP035T503	OP-REQ2	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.261/11/01/2003, 106.262/11/01/2003'	
14	MS-C	NO	EP035T512	OP-REQ2	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.261/11/01/2003, 106.262/11/01/2003'	
15	MS-C	NO	EP115T604	OP-UA60	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.472/09/04/2000'	
16	MS-C	NO	EP115T608	OP-REQ2	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.472/09/04/2000'	
17	MS-C	NO	EP115T609	OP-REQ2	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.472/09/04/2000'	
18	MS-C	NO	PROHAC1	OP-UA60	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.261/11/01/2003, 106.262/11/01/2003'	
19	MS-C	NO	PROHAC2	OP-UA60	N/A	OPSUMR TAC_116_106 from '48626' To '48626, 106.261/11/01/2003, 106.262/11/01/2003, 106.264/09/04/2000'	
20	MS-C	NO	PROHCLREC	OP-UA05	N/A	OPSUMR TAC_116_106 from '681' To '681, 106.261/11/01/2003, 106.262/11/01/2003, 106.264/09/04/2000'	

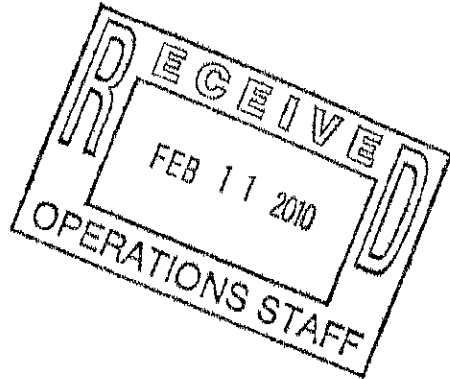


UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

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

FEB 5 2010



Stancy Simpson, P.E.
Manager, Environmental Affairs
Eastman Chemical Company - Texas Operations
P.O.Box 7444
Longview, TX 75607-7444

RE: United States Environmental Protection Agency (EPA) Region 6 Response to the Alternative Monitoring Application (AMA) Request for the Fluidized Bed Incinerator (FBI) located at the Eastman Chemical Company Facility located in Longview, Texas; EPA ID TXD007330202

Dear Ms. Simpson:

We are providing a determination for the referenced unit in accordance with your AMA request dated December 3, 2009. Under the Hazardous Waste Combustion (HWC) Maximum Achievable Control Technology (MACT) EEE, this unit is commonly referred to as a Phase I unit. Based on our understanding of the available information, we have made a determination for your request. Please recognize that determinations are subject to change if any new information that could adversely affect the operation of your unit or the requirements of the National Emissions Standards for Hazardous Air Pollutants (NESHAP) standards under Subpart EEE is identified. A summary of your request follows with the determination.

Request: Use of the Relative Accuracy (RA) Procedure

Requested Alternative: The facility is proposing to use an alternate RA procedure for CO as allowed in the appendix to Subpart EEE, and described in Section 7.3 of Performance Specification (PS) 4B of 40 CFR Part 60 Appendix B. This alternative RA procedure will be used to evaluate the CO and O₂ continuous emission monitoring system (CEMS) on the hydrochloric acid recovery unit. This alternative has been proposed for future annual tests required under Subpart EEE.

Regulatory Requirement: Section 7.3 of PS-4B in 40 CFR Part 60 Appendix B states that under some operating conditions, it may not be possible to obtain meaningful results using the RA test procedure. This includes conditions where consistent, very low CO emission or low CO emissions interrupted periodically by short duration, high level spikes are observed. It may be appropriate in these circumstances to waive the RA test and substitute the alternative procedure. According to 40 CFR Part 63, Subpart EEE the CEMS must be tested annually for RA using the procedure in PS-4B.

Technical Justification: The facility desires to use the alternative RA procedure described in Section 7.3 of PS-4B. They have submitted emission data over a 30-day period (including results of a recent RA test showing corrected CO emissions of 1 ppm or less) showing that the FBI consistently emits less than 10 ppmv CO with occasional spikes. The facility is proposing this for Subpart EEE requirements while they continue to perform the other quarterly absolute calibration audits (ACAs, where they will conduct the ACA in all 4 quarters and not just those where the RA test is not conducted) and daily zero/calibration drift tests required under the subpart. In accordance with the Resource Conservation and Recovery Act (RCRA), the Texas Commission on Environmental Quality (TCEQ) is notified by this request.

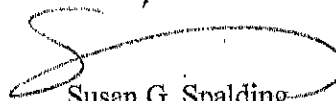
Determination: This request was approved by EPA Research Triangle Park (RTP) on January 27, 2010. See the attached memorandum.

All documents in support of compliance with the Subpart EEE regulations, and any supplemental information pertaining to your AMA requests, should be sent to the following address:

United States Environmental Protection Agency - Region 6
Multimedia Planning and Permitting Division
Attention: Kishor Fruitwala, Ph.D., P.E. (6PD-A)
1445 Ross Avenue
Dallas, TX 75202

If you have any questions, please feel free to contact Mr. Harry Shah of my staff at (214) 665-6457.

Sincerely,



Susan G. Spalding
Associate Director, RCRA
Multimedia Planning and
Permitting Division

Attachment: Memorandum from RTP to EPA R6 dated January 27, 2010

cc: Earl Lott/Tanveer Anjum/Steven Funderburg/Mark Shannon, TCEQ

Attachment - Memorandum from FTP to EPA Re for FB/RKI

Page 1 of 2



TX Eastman - Longview

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

RESEARCH TRIANGLE PARK, NC 27711

RECEIVED

10 FEB -3 AM 7:14

JAN 27 2010

PERMITS PROGRAM

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

MEMORANDUM

SUBJECT: Eastman Chemical Company Request to Use an Alternative Relative Accuracy Procedure under 40 CFR Part 63, Subpart EEE

FROM: Dr. Conniesue B. Oldham, Group Leader *Connie Oldham*
Measurement Technology Group, AQAD (E143-02)

TO: Dr. Kishor Fruitwala, Section Chief
Media Planning and Permitting Division (6PD-A)

In correspondence forwarded to us by Mr. Harry Shah of Region 6, Eastman Chemical Company asks to use an alternative relative accuracy (RA) procedure to evaluate the carbon monoxide (CO) and oxygen continuous emission monitoring system (CEMS) on its fluidized bed incinerator (FBI) and rotary kiln incinerator (RKI) in Longview, Texas. The units are subject to 40 CFR Part 63, Subpart EEE, National Emission Standards for Hazardous Air Pollutants from Hazardous Waste Combustors. The CEMS must be tested annually for RA using the procedure in Performance Specification (PS) 4B.

Eastman desires to use the alternative RA procedure described in Section 7.3 of PS-4B. This procedure uses system integrity checks rather than a RA test against a reference method. This option is allowed under conditions of consistently low CO emissions or where low emissions with periodic interruptions by short-duration, high-concentration spikes make the RA test meaningless. Eastman has submitted emission data over a 30-day period showing that the units consistently emit very low levels of CO with occasional high-level spikes. They also forwarded the results of recent RA tests showing corrected CO emissions of 1 ppm or less.

Eastman asks that we allow them to use this alternative on all future annual tests required under Subpart EEE. They will continue to perform the other quarterly absolute calibration audits (ACA) and daily zero/calibration drift tests required under the subpart. They will conduct the ACA in all four quarters and not just those where the RA test is not conducted.

ATTACHMENT - Memorandum from RTP to EPA 26 for FBI/RKI page 2 of 2
TX Eastman - Longview

-2-

We believe Eastman has demonstrated that the incinerators meet the conditions for using the alternative RA procedure. The consistently low emissions for the vast majority of the measurements make the normal RA procedure impractical. Therefore, we approve Eastman's request to use the alternative RA procedure in Section 7.3 of PS-4B at its FBI and RKI in Longview, Texas. This alternative procedure may be used for future RA tests at the facility provided the average hourly emissions remain less than 25 percent of the emission limit.

If you have any questions or would like to discuss the matter further, please contact Foston, Curtis at (919) 541-1063 or curtis.foston@epa.gov.

cc: Foston Curtis (E143-02)
Harry Shah, Region 6
John Smith, Texas CEQ

Texas Commission on Environmental Quality

Title V Existing

1971

Site Information (Regulated Entity)

What is the name of the permit area to be authorized?	C4 - ACETALDEHYDE
Does the site have a physical address?	No
Because there is no physical address, describe how to locate this site:	300 Kodak blvd
City	Longview
State	TX
ZIP	75603
County	HARRISON
Latitude (N) (##.#####)	32.4375
Longitude (W) (-###.#####)	94.693611
Primary SIC Code	2869
Secondary SIC Code	
Primary NAICS Code	325199
Secondary NAICS Code	
Regulated Entity Site Information	
What is the Regulated Entity's Number (RN)?	RN100219815
What is the name of the Regulated Entity (RE)?	EASTMAN CHEMICAL TEXAS OPERATIONS
Does the RE site have a physical address?	Yes
Physical Address	
Number and Street	300 KODAK BLVD
City	LONGVIEW
State	TX
ZIP	75602
County	HARRISON
Latitude (N) (##.#####)	32.439444
Longitude (W) (-###.#####)	-94.701944
Facility NAICS Code	
What is the primary business of this entity?	MANUFACTURING CHEMICALS

Customer (Applicant) Information

How is this applicant associated with this site?	Owner Operator
What is the applicant's Customer Number (CN)?	CN601214406
Type of Customer	Corporation
Full legal name of the applicant:	
Legal Name	Eastman Chemical Company
Texas SOS Filing Number	9719306
Federal Tax ID	621539359
State Franchise Tax ID	16215393592
State Sales Tax ID	

Local Tax ID	
DUNS Number	39108279
Number of Employees	501+
Independently Owned and Operated?	No

Responsible Official Contact

Person TCEQ should contact for questions about this application:

Organization Name	EASTMAN CHEMICAL COMPANY
Prefix	MR
First	ANDREW
Middle	
Last	COGGINS
Suffix	
Credentials	
Title	VP CI OLEFIN & DERIVATIVES MANUFACTURING TXO

Enter new address or copy one from list:

Mailing Address	
Address Type	Domestic
Mailing Address (include Suite or Bldg. here, if applicable)	PO BOX 7444
Routing (such as Mail Code, Dept., or Attn:)	
City	LONGVIEW
State	TX
ZIP	75607
Phone (###-###-####)	9032376200
Extension	
Alternate Phone (###-###-####)	
Fax (###-###-####)	
E-mail	acoggins@eastman.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	AMY HOOPER(EASTMAN CHEMICA...)
Prefix	EASTMAN CHEMICAL COMPANY
First	MS
Middle	AMY
Last	HOOPER
Suffix	
Credentials	
Title	DIRECTOR TXO CHEMICALS MANUFACTURING DIVISION

Enter new address or copy one from list

Mailing Address	
Address Type	Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 7444

Routing (such as Mail Code, Dept., or Attn:)

City

LONGVIEW

State

TX

Zip

75607

Phone (###-###-####)

9032376114

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

9032376318

E-mail

ahoopers@eastman.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

TIMOTHY MCMEEN(EASTMAN CHEMICA...)

Organization Name

EASTMAN CHEMICAL COMPANY

Prefix

MR

First

TIMOTHY

Middle

Last

MCMEEN

Suffix

Credentials

Title

ENGINEERING ASSOCIATE
ENVIRONMENTAL AFFAIRS

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

PO BOX 7444

Routing (such as Mail Code, Dept., or Attn:)

City

LONGVIEW

State

TX

ZIP

75607

Phone (###-###-####)

9032376093

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

9032376318

E-mail

tmcmeen@eastman.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

32 Deg 26 Min 15 Sec

3) Permit Longitude Coordinate:

94 Deg 41 Min 37 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)

[File Properties]

File Name	OP_1_3-C4_FOPO1971-Renewal_OP-1.pdf
Hash	74D782BEF8A8D237B77EC0E52AB3B993C0800428A3CFA18E9440092804BC2CC2
MIME-Type	application/pdf

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

[File Properties]

File Name	OP_2_4-C4_FOPO1971-Renewal_OP-2.pdf
Hash	BC72FB11C717F2BD9C06ED175B3559B11D85C0DB2B71FDB307E91D30A88FA23B
MIME-Type	application/pdf

Attach OP-ACPS (Application Compliance Plan and Schedule)

[File Properties]

File Name	OP_ACPS_15-C4-FOPO1971-Renewal_OP-ACPS.pdf
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MIME-Type	application/pdf

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

[File Properties]

File Name	OP_REQ1_12-C4_FOPO1971-Renewal_OP-REQ1.pdf
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Attach OP-REQ2 (Negative Applicable Requirement Determinations)

[File Properties]

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Attach OP-REQ3 (Applicable Requirements Summary)

[File Properties]

File Name OP_REQ3_14-C4_FOPO1971-Renewal_OP-REQ3.pdf

Hash 9CED6175A9CB553FA518BF26DB409FD79978D2E2BB2C213347F9C29E480021AD

MIME-Type application/pdf

Attach OP-PBRSUP (Permits by Rule Supplemental Table)

[File Properties]

File Name OP_PBRSUP_16-C4_FOPO1971-Renewal-OP-PBRSUP.pdf

Hash 64DE8B695C9F3D8ADB5D70D6BEB83A824D4BF52ACF7F743270DC9F1831C41BC

MIME-Type application/pdf

Attach OP-SUMR (Individual Unit Summary for Revisions)

[File Properties]

File Name OP_SUMR_5-C4_FOPO1971-Renewal_OP-SUMR.pdf

Hash CA5BE74B4E1697E3C64BAE0BE86CB15DFC0689511F99C74785EDF3875C2E0752

MIME-Type application/pdf

Attach OP-MON (Monitoring Requirements)

Attach OP-UA (Unit Attribute) Forms

[File Properties]

File Name 10-C4_FOPO1971-Renewal_OP-UA58-Table2.pdf

Hash 5B4D78FD611DF757059B1EA1F68E12ED03F650712AC2CD6B8759108C7CA62734

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[File Properties]

File Name 11a-C4_FOPO1971-Renewal_OP-UA60-Table1.pdf

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File Name 11b-C4_FOPO1971-Renewal_OP-UA60-Table6.pdf

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MIME-Type application/pdf

[File Properties]

File Name 6a-C4_FOPO1971-Renewal_OP-UA3-Table9.pdf

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MIME-Type	application/pdf
If applicable, attach OP-AR1 (Acid Rain Permit Application)	
Attach OP-CRO2 (Change of Responsible Official Information)	
Attach OP-DEL (Delegation of Responsible Official)	
Attach any other necessary information needed to complete the permit.	
[File Properties]	
File Name	1-C4_FOPO1971-Renewal-Cover-Letter.pdf
Hash	68D81C6965B9F1CFDA65CB2D91987015DE3D6C04454B52F7307DA54E9412F35F
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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 Amy B Hooper, the owner of the STEERS account ER100075.
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 1971.
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: Amy B Hooper OWNER OPERATOR

Account Number:	ER100075
Signature IP Address:	104.225.187.110
Signature Date:	2024-05-17
Signature Hash:	8C3E1F0BADA860747D27C6C0F46FF76C62C10A7622C10B6D18F516D4A6EF641C
Form Hash Code at time of Signature:	7F4294B80148E92867EFCA98CFAEEEBB0C180632D5090B2657535F827330D5BC

Submission

Reference Number:	The application reference number is 654655
Submitted by:	The application was submitted by ER100075/Amy B Hooper
Submitted Timestamp:	The application was submitted on 2024-05-17 at 10:30:15 CDT
Submitted From:	The application was submitted from IP address 104.225.187.110
Confirmation Number:	The confirmation number is 540868
Steers Version:	The STEERS version is 6.74
Permit Number:	The permit number is 1971

Additional Information

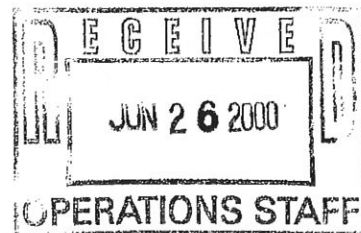
Application Creator: This account was created by Timothy M Mcmeen

Robert J. Huston, *Chairman*
R. B. "Ralph" Marquez, *Commissioner*
John M. Baker, *Commissioner*
Jeffrey A. Saitas, *Executive Director*



A

300.101/HCI Recovery Unit



TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

Protecting Texas by Reducing and Preventing Pollution

June 21, 2000

Ms. Stancy Simpson
Manager, Environmental Affairs
Texas Eastman Division
Eastman Chemical Company
P.O. Box 7444
Longview, TX 75607-7444

Re: Permit No. HW-50043-001
Industrial Solid Waste Registration No. 30137
EPA Identification No. TXD007330202
Request for Approval of Alternative RATA Procedure for Carbon Dioxide and Oxygen
CEMS at the Hydrochloric Acid Recovery Unit (B/IF)
Document Tracking Number 2837

Dear Ms. Simpson:

Staff from the Texas Natural Resource Conservation Commission (TNRCC) Engineering Services of the Compliance and Enforcement Division, and Industrial and Hazardous Waste Permits of the Waste Permits Division have reviewed your request for approval of the Alternative Relative Accuracy Test Audit (RATA) Procedure and the provided historical monitoring and calibration data against the 40 Code of Federal Regulations (40 CFR) Part 266 Appendix IX, sections 2.0 and 2.1. We find that the information presented is sufficient and demonstrative and in accordance with the waiver rationale for hazardous waste burning in Boilers and Industrial Furnaces (B/IF), where the Carbon Monoxide (CO) emissions are relatively low (5-10 ppm on an hourly rolling average corrected to 7% oxygen).

This approval only applies to the waiver of the Performance Test Method (PTM) described in Section 2.1.2.10 of 40 CFR §266 Appendix IX. The RATA PTM is waived for both the CO and the O₂ Continuous Emissions Monitoring Systems (CEMS). The remaining portions (calibration error and response time testing during a seven-day drift test period) of the Performance Specification Test (PST) contained in Appendix IX must still be completed on an annual basis. The results of all of these tests must be maintained by Eastman Chemical Company, Texas Operations in the regulatory operating record of the B/IF and be available to the TNRCC and EPA inspectors on request, although there is no requirement to file a periodic report.

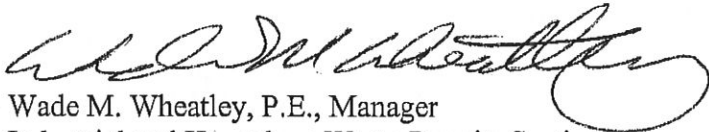
Ms. Stancy Simpson

Page 2

June 21, 2000

Should you have any further questions please feel free to contact Dr. Mark Shannon, Ph.D. at (512)239-0944. If responding by mail please use Mail Code 130 (MC-130) in the letterhead address.

Sincerely,

A handwritten signature in black ink, appearing to read "Wade M. Wheatley", with a large, stylized loop at the end.

Wade M. Wheatley, P.E., Manager
Industrial and Hazardous Waste Permits Section
Waste Permits Division
Texas Natural Resource Conservation Commission

WMW/MLS/fp

cc: Dr. Mark Shannon, Ph.D., I&HW Permits Section, Waste Permits Division