



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

| | |
|---|--|
| 1. Reason for Submission (If other is checked please describe in space provided.) | |
| <input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.) | |
| <input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form) | <input checked="" type="checkbox"/> Other New ADR |
| 2. Customer Reference Number (if issued) | 3. Regulated Entity Reference Number (if issued) |
| CN 601287600 | RN 110746757 |

SECTION II: Customer Information

| | | | | | |
|---|--|--|--|--|--|
| 4. General Customer Information | | 5. Effective Date for Customer Information Updates (mm/dd/yyyy) | | 01/31/2025 | |
| <input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership | | | | | |
| <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts) | | | | | |
| <i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i> | | | | | |
| 6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) | | | | <i>If new Customer, enter previous Customer below:</i> | |
| Corteva Agriscience LLC | | | | | |
| 7. TX SOS/CPA Filing Number | | 8. TX State Tax ID (11 digits) | | 9. Federal Tax ID (9 digits) | |
| 702845233 | | 13517811181 | | 35-1781118 | |
| 10. DUNS Number (if applicable) | | 60-548-2694 | | | |
| 11. Type of Customer: | | <input checked="" type="checkbox"/> Corporation | | <input type="checkbox"/> Individual | |
| Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other | | <input type="checkbox"/> Sole Proprietorship | | Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited | |
| 12. Number of Employees | | | | 13. Independently Owned and Operated? | |
| <input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher | | | | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following | | | | | |
| <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: | | | | | |
| <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant | | | | | |
| 15. Mailing Address: | | | | | |
| 9330 Zionville Road | | | | | |
| | | | | | |
| City | | Indianapolis | | State | |
| IN | | ZIP | | 46268 | |
| ZIP + 4 | | | | | |
| 16. Country Mailing Information (if outside USA) | | | | 17. E-Mail Address (if applicable) | |
| | | | | John.Phillips-1@Corteva.com | |

| | | |
|---|------------------------------|--|
| 18. Telephone Number (515) 535-1401 | 19. Extension or Code | 20. Fax Number (if applicable) () - |
|---|------------------------------|--|

SECTION III: Regulated Entity Information

| | | | | | | | | |
|--|----------------------------------|----------|--------------|----|------------|-------|----------------|------|
| 21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.) <input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information | | | | | | | | |
| <i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i> | | | | | | | | |
| 22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.) Corteva - Freeport Operations | | | | | | | | |
| 23. Street Address of the Regulated Entity: (No PO Boxes) | Corteva - Freeport Operations | | | | | | | |
| | 565 Midway Road, Building A-3210 | | | | | | | |
| | City | Freeport | State | TX | ZIP | 77541 | ZIP + 4 | 3257 |
| 24. County | Brazoria | | | | | | | |

If no Street Address is provided, fields 25-28 are required.

| | | | | | | | | | |
|--|-------------------------------|---|------------------------------|--|--------------------------------------|--|----------------|------|-------------------------|
| 25. Description to Physical Location: | | | | | | | | | |
| 26. Nearest City | | | | | State | | | | Nearest ZIP Code |
| | | | | | | | | | |
| <i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i> | | | | | | | | | |
| 27. Latitude (N) In Decimal: | | 28.951472 | | | 28. Longitude (W) In Decimal: | | -95.316902 | | |
| Degrees | Minutes | Seconds | Degrees | Minutes | Seconds | | | | |
| 28 | 57 | 21 | 95 | 20 | 07 | | | | |
| 29. Primary SIC Code (4 digits) | | 30. Secondary SIC Code (4 digits) | | 31. Primary NAICS Code (5 or 6 digits) | | 32. Secondary NAICS Code (5 or 6 digits) | | | |
| 2689 | | | | 325199 | | | | | |
| 33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.) Chemical Manufacturing | | | | | | | | | |
| 34. Mailing Address: | Corteva - Freeport Operations | | | | | | | | |
| | 2301 N Brazosport Blvd A3210 | | | | | | | | |
| | City | Freeport | State | TX | ZIP | 77541 | ZIP + 4 | 3257 | |
| 35. E-Mail Address: | | John.Phillips-1@Corteva.com | | | | | | | |
| 36. Telephone Number | | | 37. Extension or Code | | | 38. Fax Number (if applicable) | | | |
| (515) 535-1401 | | | | | | () - | | | |

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

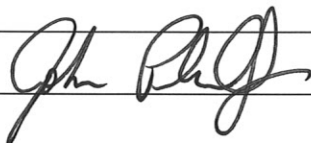
| | | | | |
|--|---|---|---|--|
| <input type="checkbox"/> Dam Safety | <input type="checkbox"/> Districts | <input type="checkbox"/> Edwards Aquifer | <input checked="" type="checkbox"/> Emissions Inventory Air | <input checked="" type="checkbox"/> Industrial Hazardous Waste |
| <input type="checkbox"/> Municipal Solid Waste | <input checked="" type="checkbox"/> New Source Review Air | <input type="checkbox"/> OSSF | <input type="checkbox"/> Petroleum Storage Tank | <input type="checkbox"/> PWS |
| | 770 and 98806 | | | |
| <input type="checkbox"/> Sludge | <input type="checkbox"/> Storm Water | <input checked="" type="checkbox"/> Title V Air | <input type="checkbox"/> Tires | <input type="checkbox"/> Used Oil |
| | | O2206 | | |
| <input type="checkbox"/> Voluntary Cleanup | <input type="checkbox"/> Wastewater | <input type="checkbox"/> Wastewater Agriculture | <input type="checkbox"/> Water Rights | <input type="checkbox"/> Other: |
| | | | | |

SECTION IV: Preparer Information

| | | | | |
|-----------------------------|----------------------|-----------------------|-----------------------------|--------------------------|
| 40. Name: | Sharareh Rafati | | 41. Title: | Environmental Specialist |
| 42. Telephone Number | 43. Ext./Code | 44. Fax Number | 45. E-Mail Address | |
| (979) 292-6711 | | () - | Sharareh.Rafati@Corteva.com | |

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

| | | | |
|-------------------------|---|-------------------|----------------------|
| Company: | Corteva Agriscience LLC | Job Title: | Freeport Site Leader |
| Name (In Print): | John Phillips | Phone: | (515) 535- 1401 |
| Signature: |  | Date: | 2/3/25 |

From: Rafati, Sharareh
To: Tusar Swami
Cc: Phillips, John; Benn, Daniel
Subject: RE: FOP 02206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 2/4/2025
Date: Friday, January 31, 2025 2:35:12 PM
Attachments: [image003.png](#)
[Core Data Form 1-31-2025.pdf](#)

Hi Tusar,

The site is not VOC Major source.

The revised Core Data Form is attached. I will mail you a signed copy of Core Data Form.

If you need anything else, please let me know.

Shirly 979-292-6711

From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Friday, January 31, 2025 2:14 PM
To: Rafati, Sharareh <sharareh.rafati@corteva.com>
Cc: Phillips, John <john.phillips-1@corteva.com>; Benn, Daniel <daniel.benn@corteva.com>
Subject: [EXTERNAL] RE: FOP 02206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 2/4/2025

Good Afternoon, Shirly:

Most of the entries are done in the database. But two remaining issues:

1. OP-1 (item I.D) – Major Pollutants. In the 7/11/24 Both VOC and NOX were marked, But in the latest OP-1 1/30/25 only NOx is marked. Please confirm is it a mistake or you really intended the change.
2. Based on feedback from APIRT, to change the Latitude and Longitude you need to submit a updated Core-data Form. Please make sure the information you provided in the OP-1 is consistent with that. You can send it via STEERS and let me know.

Looking forward hearing from you soon.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



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

From: Rafati, Sharareh
To: Tusar Swami
Cc: Phillips, John; Benn, Daniel
Subject: RE: FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 1/30/2025
Date: Thursday, January 30, 2025 3:17:46 PM

Tusar,

Your changes in red are correct.

Shirly 979-292-6711

From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Thursday, January 30, 2025 2:56 PM
To: Rafati, Sharareh <sharareh.rafati@corteva.com>
Cc: Phillips, John <john.phillips-1@corteva.com>; Benn, Daniel <daniel.benn@corteva.com>
Subject: [EXTERNAL] RE: FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 1/30/2025

Shirly:

Good Afternoon.

1. I have forwarded the documents (OP-1, OP-DEL, OP-CRO2) you sent to the Admin (APIRT) to clean up things.
2. I reviewed the latest OP-PBRSUP. You added PBR Registration Number 177666 {106.261/11/01/2003 and 106.262/11/01/2003} for the Unit ID **A32DCFU430**. But this new information is not consistent with the information you provided in OP-SUMR for the same unit. To make things clear I have added the changes in **red**.

| | | |
|------------|-------------------------|--|
| A32DCFU430 | FUGITIVES FOR DCP PLANT | 98806, 106.262/11/01/2003 [176951, 177348, 177666] 106.261/11/01/2003 [177666] |
|------------|-------------------------|--|

If it is not too much trouble you can upload the OP-SUMR in STEERS with the changes as well. Please let me know. Please confirm if it looks correct to you.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



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

From: Rafati, Sharareh <sharareh.rafati@corteva.com>
Sent: Wednesday, January 29, 2025 3:45 PM
To: Tusar Swami <tusar.swami@tceq.texas.gov>
Cc: Phillips, John <john.phillips-1@corteva.com>; Benn, Daniel <daniel.benn@corteva.com>
Subject: RE: FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 1/30/2025

Tusar,

Thank you for the meeting this morning where we discussed your questions below. I am sending this email to respond to your requests below. My comments are in green font. The attached documents are uploaded in STEERS and will be submitted by John Phillips tomorrow 1/30/25.

1. OP-PBRSUP

PBR Registrations 177666 (issued 10/01/2024), is in NSR IDA but not documented on OP-PBRSUP. You need to provide all PBR Registrations on Form OP-PBRSUP Table A and D. Please submit all Tables (A through D) with a new date at the top. **PBR 177666 is now included in the attached OP-PBRSUP. I could only attach the Word version of this document to STEERS and not the attached pdf version.**

2. OP-1 (Dated 07/11/2024). The physical address and location, plus the current RO (Ralph Ford) were corrected on the attached OP-1 form. OP-CRO2 is also attached since the RO changed from Robert King (the previous RO) to Ralph Ford in 2024.

There is inconsistencies regarding the Physical Address and Location/Lat/Longitude

X. B. **Physical Address** – 2301 North Brazosport Blvd

X. C. **Physical location:** Directions to the facility: 565 Midway Rd, Bldg. A3201, Freeport, TX 77541 which does match the latitude and longitude. **This is the correct physical address for the entrance Gate A-1, so the Lat/Lon are changed for this location.**

So please change the physical address XI B to 565 Midway Rd, Bldg. A3201, Freeport, TX 77541 and resend the OP-1.

3. Certification. The OP-CRO1 signed by the DAR (John Phillips) covering the period 07/11/2024 to 01/30/2025 is attached in STEERS.

John Phillips is an active RO and DAR. A person cannot be a RO and DAR at the same time. If John is the RO right now, the company needs to fill out Form OP-DEL, Sections I and IV, to remove John as the DAR. Please see attached report to the applicant and remove anyone who is no longer a DAR. If there are lots of names to remove and they don't fit in Section IV, a separate page (sheet of paper) can be added to the form. **Please submit a clean OP-CRO1 correctly filled up for the entire duration (07/11/2024 thru the current date.) Make sure John Phillips is certifying as RO (not DAR). You may submit everything at STEERS by 1/30/2025 and let me know.**

In addition, please find attached the OP-DEL Form that was submitted to APIRT in 2023 in which the RO at the time (Robert King) delegated authority to John Phillips as the DAR and removed all other DARs that were listed on our account. Plus, the OP-CRO2 for change of RO to Ralph Ford in 2024.

Shirly 979-292-6711

From: Tusar Swami <tusar.swami@tceq.texas.gov>

Sent: Friday, January 24, 2025 1:41 PM

To: Rafati, Sharareh <sharareh.rafati@corveva.com>

Cc: Phillips, John <john.phillips-1@corveva.com>; Benn, Daniel <daniel.benn@corveva.com>

Subject: [EXTERNAL] FOP O2206/Project 36861, Corveva Agrisciences LLC/Corveva Freeport Operations - Respond by 1/30/2025

Good Afternoon, Shirly:

Hopefully all is good at your end. I am getting ready to send the above project to PNAP and we need the few things from you.

1. OP-PBRSUP

PBR Registrations 177666 (issued 10/01/2024), is in NSR IDA but not documented on OP-PBRSUP. You need to provide all PBR Registrations on Form OP-PBRSUP Table A and D. Please submit all Tables (A through D) with a new date at the top.

2. OP-1 (Dated 07/11/2024)

There is inconsistencies regarding the Physical Address and Location/Lat/Longitude

X. B. **Physical Address** – 2301 North Brazosport Blvd

X. C. **Physical location:** Directions to the facility: 565 Midway Rd, Bldg. A3201, Freeport, TX 77541

which does match the latitude and longitude.

So please change the physical address XI B to 565 Midway Rd, Bldg. A3201, Freeport, TX 77541 and resend the OP-1.

3. Certification

John Phillips is an active RO and DAR. A person cannot be a RO and DAR at the same time. If John is the RO right now, the company needs to fill out Form OP-DEL, Sections I and IV, to remove John as the DAR. Please see attached report to the applicant and remove anyone who is no longer a DAR. If there are lots of names to remove and they don't fit in Section IV, a separate page (sheet of paper) can be added to the form.

Please submit a clean OP-CRO1 correctly filled up for the entire duration (07/11/2024 thru the current date.) Make sure John Phillips is certifying as RO (not DAR). You may submit everything at STEERS by 1/30/2025 and let me know.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



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Texas Commission on Environmental Quality

Title V Existing

2206

Site Information (Regulated Entity)

| | |
|---|-----------------------------------|
| What is the name of the permit area to be authorized? | CORTEVA FREEPORT OPERATIONS |
| Does the site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 2301 N BRAZOSPORT BLVD |
| City | FREEPORT |
| State | TX |
| ZIP | 77541 |
| County | BRAZORIA |
| Latitude (N) (##.#####) | 28.951388 |
| Longitude (W) (-###.#####) | 95.316944 |
| 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)? | RN110746757 |
| What is the name of the Regulated Entity (RE)? | CORTEVA FREEPORT OPERATIONS |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 2301 N BRAZOSPORT BLVD BLDG A3210 |
| City | FREEPORT |
| State | TX |
| ZIP | 77541 |
| County | BRAZORIA |
| Latitude (N) (##.#####) | 28.984158 |
| Longitude (W) (-###.#####) | -95.377954 |
| Facility NAICS Code | |
| What is the primary business of this entity? | |

Customer (Applicant) Information

| | |
|--|-------------------------|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN601287600 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Corteva Agriscience LLC |
| Texas SOS Filing Number | 702845223 |
| Federal Tax ID | |
| State Franchise Tax ID | 13517811181 |
| State Sales Tax ID | |

Local Tax ID
DUNS Number
Number of Employees 0-20
Independently Owned and Operated?

Responsible Official Contact

Person TCEQ should contact for questions about this application:

| | |
|--|---|
| Organization Name | Corteva Freeport Operations |
| Prefix | MR |
| First | Ralph |
| Middle | |
| Last | Ford |
| Suffix | |
| Credentials | |
| Title | Vice President Crop Protection Operations |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 9330 ZIONSVILLE RD |
| Routing (such as Mail Code, Dept., or Attn:) | Building 308 |
| City | INDIANAPOLIS |
| State | IN |
| ZIP | 46268 |
| Phone (###-###-####) | 4632099806 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | Ralph.Ford@corteva.com |

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

| | |
|--|------------------------------------|
| Select existing DAR contact or enter a new contact. | JOHN PHILLIPS(CORTEVA AGRISCI...) |
| Organization Name | CORTEVA AGRISCIENCE LLC |
| Prefix | MR |
| First | JOHN |
| Middle | |
| Last | PHILLIPS |
| Suffix | |
| Credentials | |
| Title | FREEPORT SITE LEADER |
| Enter new address or copy one from list | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 2301 N BRAZOSPORT BLVD |

Routing (such as Mail Code, Dept., or Attn:)

City

State

Zip

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

FREEPORT

TX

77541

5155351401

john.phillips-1@corteva.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

Organization Name

Prefix

First

Middle

Last

Suffix

Credentials

Title

Enter new address or copy one from list:

Mailing Address

Address Type

Mailing Address (include Suite or Bldg. here, if applicable)

Routing (such as Mail Code, Dept., or Attn:)

City

State

ZIP

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

SHARAREH RAFATI(CORTEVA AGRISCI...)

CORTEVA AGRISCIENCE LLC

MS

SHARAREH

RAFATI

ENVIRONMENTAL SPECIALIST

Domestic

2301 N BRAZOSPORT BLVD

FREEPORT

TX

77541

9792926711

sharareh.rafati@corteva.com

Title V General Information - Existing

1) Permit Type:

2) Permit Latitude Coordinate:

3) Permit Longitude Coordinate:

4) Is this submittal a new application or an update to an existing application?

4.1. Select the permit/project number for which this update should be applied.

5) Who will electronically sign this Title V application?

6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule

SOP

28 Deg 57 Min 5 Sec

95 Deg 19 Min 1 Sec

Update

2206-36861

Duly Authorized Representative

No

requirements?

Title V Attachments Existing

| | |
|---|---|
| Attach OP-1 (Site Information Summary) | |
| [File Properties] | |
| File Name | OP_1_Corteva_OP-1_01-30-25.pdf |
| Hash | D251278AE25D8C4A3E416F6F6915ED36EB632A556FDFF10BF35E6F2C03284A0A |
| MIME-Type | application/pdf |
| Attach OP-2 (Application for Permit Revision/Renewal) | |
| Attach OP-ACPS (Application Compliance Plan and Schedule) | |
| Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information) | |
| Attach OP-REQ2 (Negative Applicable Requirement Determinations) | |
| Attach OP-REQ3 (Applicable Requirements Summary) | |
| Attach OP-PBRSUP (Permits by Rule Supplemental Table) | |
| [File Properties] | |
| File Name | OP_PBRSUP_Corteva OP-PBRSUP_01.30.2025.docx |
| Hash | 012224E1F3E6C21770F687FDD6FD2730CA944233B8A140910386C0FBC81BA438 |
| MIME-Type | application/vnd.openxmlformats-officedocument.wordprocessingml.document |
| Attach OP-SUMR (Individual Unit Summary for Revisions) | |
| Attach OP-MON (Monitoring Requirements) | |
| Attach OP-UA (Unit Attribute) Forms | |
| If applicable, attach OP-AR1 (Acid Rain Permit Application) | |
| Attach OP-CRO2 (Change of Responsible Official Information) | |
| [File Properties] | |
| File Name | OP-CRO2_Ralph Ford RO-2024.pdf |
| Hash | 7D29B7399B4AC985A992C9E6E09EEB85751774085EF36D95A13B9FBD3400649A |
| MIME-Type | application/pdf |
| Attach OP-DEL (Delegation of Responsible Official) | |
| [File Properties] | |
| File Name | OP_DEL_Corteva OP-DEL_John Phillips_2023.pdf |
| Hash | A64E59EB49DFE2A71D96B656DB654C9CFD3235FED2DB05331DCBDB42DA64D9F0 |

MIME-Type

application/pdf

Attach Void Request Form

Attach any other necessary information needed to complete the permit.

[File Properties]

File Name

Corteva_OP-CRO1_01-30-25.pdf

Hash

7E61A02D2BCF99B8061D129A29683C0AB36E510709CCA58E0B8EF20B7C75BD0F

MIME-Type

application/pdf

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

Certification

I certify that I am the 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 John D Phillips III, the owner of the STEERS account ER084797.
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 2206.
9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ

OWNER OPERATOR Signature: John D Phillips III OWNER OPERATOR

Account Number:

ER084797

Signature IP Address:

170.85.98.197

Signature Date:

2025-01-30

Signature Hash:

48790801D8FF4357A9CCF99BC6A4BBD9BDE2A773C4C997D09565CC21F823D6E8

Form Hash Code at
time of Signature:

659619612994B8C3615EDFBBB8B19F8BDEEABE49FBD54A81C0B5D66260EF2352

Submission

Reference Number:

The application reference number is 751198

Submitted by:

The application was submitted by
ER084797/John D Phillips III

Submitted Timestamp:

The application was submitted on 2025-01-30
at 11:40:58 CST

Submitted From:

The application was submitted from IP address
170.85.98.197

Confirmation Number:

The confirmation number is 624437

Steers Version:

The STEERS version is 6.86

Permit Number:

The permit number is 2206

Additional Information

Application Creator: This account was created by Sharareh G Rafati

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

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

| |
|---|
| I. Identifying Information |
| RN: RN110746757 |
| CN: CN601287600 |
| Account No.: BL-A060-H |
| Permit No.: O2206 |
| Project No.: 36861 |
| Area Name: Corteva Freeport Operations |
| Company Name: Corteva Agriscience LLC |
| II. Certification Type <i>(Please mark appropriate box)</i> |
| <input type="checkbox"/> Responsible Official Representative <input checked="" type="checkbox"/> Duly Authorized Representative |
| III. Submittal Type <i>(Please mark appropriate box) (Only one response can be accepted per form)</i> |
| <input type="checkbox"/> SOP/TOP Initial Permit Application <input type="checkbox"/> Permit Revision, Renewal, or Reopening |
| <input type="checkbox"/> GOP Initial Permit Application <input checked="" type="checkbox"/> Update to Permit Application |
| <input checked="" type="checkbox"/> Other: <u>Working Draft Permit Response w Comments</u> |

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

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

| |
|---|
| IV. Certification of Truth |
| This certification does not extend to information which is designated by TCEQ as information for reference only. |
| I, <u>John Phillips</u> certify that I am the <u>DAR</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Certifier Name printed or typed)</i><i>(RO or DAR)</i></div> |
| 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>07/11/2024</u> to <u>01/30/2025</u> <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Start Date)</i><i>(End Date)</i></div> |
| Specific Dates: _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Date 1)</i><i>(Date 2)</i><i>(Date 3)</i><i>(Date 4)</i></div> |
| _____ <div style="display: flex; justify-content: space-between; margin-top: 5px;"><i>(Date 5)</i><i>(Date 6)</i></div> |
| Signature: Submitted in STEERS Signature Date: <u>01/30/2025</u> Title: <u>Freeport Site Leader</u> |



Building A-3210
2301 N. Brazosport Blvd.
Freeport, TX 77541-3257

Certified Mail Number 7020 1290 0000 5988 4058

Return Receipt Requested

January 18, 2023

Texas Commission on Environmental Quality
Air Permits Division Mail Code 163
P.O. Box 13087
Austin, TX 78711-3087

**RE: FORM OP-DEL
CORTEVA - FREEPORT OPERATIONS, FREEPORT, TEXAS
CN 601-287-600
RN 110-746-757
TCEQ ACCOUNT BLA060H**

Dear Sir or Madam:

The attached Form OP-DEL is being submitted for a change in the Duly Authorized Representative (DAR) at the Corteva Freeport Operations chemical plant located at Freeport, Brazoria County.

If you have any questions regarding this report, please contact me at 515-535-1401 or Sharareh Rafati at 979-292-6711 or Sharareh.Rafati@Corteva.com.

Sincerely,

John Phillips
Freeport Facility Leader

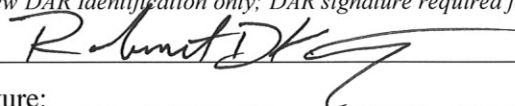



Attachment

cc: Mr. Joe Doby, Air Section Manager
TCEQ Region 12
5425 Polk Street, Suite H
Houston, TX 77023

Texas Commission on Environmental Quality
Form OP-DEL
Delegation of Responsible Official Information
Federal Operating Permit Program

A Responsible Official (RO) may choose to delegate signature authority to a Duly Authorized Representative (DAR). Such delegation may be made to an individual that has responsibility for the overall operation of one or more manufacturing, production, or operating facilities applying for, or subject to, a federal operating permit. **Send this completed form to the TCEQ Central Office to the attention of the Air Permits Division.** Signature stamps can be accepted in place of an original signature. Faxes, photocopies, and electronic submittals can be accepted in place of an original Form OP-DEL; however, a follow-up submittal of the original Form OP-DEL is requested

| | | |
|--|---|--------------------------------|
| I. Identifying Information | | |
| Account No.: BLA006H | RN: 110-746-757 | CN: 601-287-600 |
| Permit No.: 02206 | Area Name: Corteva Freeport Operations | |
| Company Name: Corteva Agriscience LLC | | |
| II. Duly Authorized Representative Information | | |
| Action Type: <input checked="" type="checkbox"/> New DAR Identification <input type="checkbox"/> Administrative Information Change | | |
| Conventional Title: (<input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr.) | | |
| Name: John Phillips | | |
| Title: Freeport Facility Leader | Delegation Effective Date: January 6, 2023 | |
| Telephone No.: 515-535-1401 | Fax No.: | |
| Company Name: Corteva Agriscience LLC – Corteva Freeport Operations | | |
| Mailing Address: 2301 N. Brazosport Blvd. Building A-3210 | | |
| City: Freeport | State: TX | ZIP Code: 77541 |
| E-mail Address: john.phillips-1@corteva.com | | |
| III. Certification of Truth, Accuracy, and Completeness | | |
| I, <u>Robert King</u> , certify that, based on <small>(Name printed or typed: RO for New DAR Identification; RO or DAR for Administrative Information Change)</small> information and belief formed after reasonable inquiry, the statements, and information stated above are true, accurate, and complete. <small>(RO signature required for New DAR Identification only; DAR signature required for any Action Type)</small> | | |
| Responsible Official Signature:  | | Date: <u>01/09/2023</u> |
| Duly Authorized Representative Signature: _____ | | Date: _____ |
| IV. Removal of Duly Authorized Representative(s) | | |
| The following should be removed as Duly Authorized Representative(s): <u>David Kasprzyk</u> Effective Date: <u>1/6/2023</u> <small>(Name(s) printed or typed)</small> | | |
| Responsible Official Signature:  | | Date: <u>01/09/2023</u> |

Form OP-CRO2
Change of Responsible Official Information
Federal Operating Permit Program

The Texas Commission on Environmental Quality (TCEQ) shall be notified of a new appointment or administrative information change (e.g., address, phone number, title) for a Responsible Official (RO), Designated Representative (DR), or Alternate Designated Representative (ADR) in the next submittal. **Send this completed form to the TCEQ Central Office to the attention of the Air Permits Division.** This form satisfies the requirements for notification (a revised Certificate of Representation must also be submitted to the U.S. Environmental Protection agency for changes in the DR and ADR). *After the initial submittal, if there is a change of Duly Authorized Representative (DAR) appointment or administrative information changes for the DAR, include a revised Form OP-DEL (Delegation of Responsible Official) with the next submittal to the TCEQ.*

I. Identifying Information

| | | |
|--|---|------------------------|
| Account No.: BLA006H | RN: 110-746-757 | CN: 601-287-600 |
| Permit No.: O2206 | Area Name: Corteva Freeport Operations | |
| Company Name: Corteva Agriscience LLC | | |

II. Change Type

Action Type: ☒ New Appointment ☐ Administrative Information Change

Contact Type (*only one response can be accepted per form*):

☒ Responsible Official ☐ Designated Representative ☐ Alternate Designated Representative

III. Responsible Official/Designated Representative/Alternate Designated Representative Information

Conventional Title: (☒ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

Name: **Ralph Ford**

| | |
|--|---|
| Title: Vice President Crop Protection Operation | Appointment Effective Date: February 1, 2024 |
| Telephone No.: (463) 209-9806 | Fax No.: |

Company Name: **Corteva Agriscience LLC**

Mailing Address: **9330 Zionville Road, Building 308**

| | | |
|---------------------------|------------------|------------------------|
| City: Indianapolis | State: IN | ZIP Code: 46268 |
|---------------------------|------------------|------------------------|

E-mail Address: **Ralph.Ford@Corteva.com**

IV. Certification of Truth, Accuracy, and Completeness

This certification does not extend to information, which is designated by the TCEQ as information for reference only.

I, **Ralph Ford** certify that, based on information
(Name printed or typed)

and belief formed after Reasonable inquiry, the statements and information stated above are true, accurate, and complete

Signature: *Ralph Ford* Signature Date: *2/1/2024*



**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: Corteva Agriscience LLC |
| B. Customer Reference Number (CN): CN601287600 |
| C. Submittal Date (mm/dd/yyyy): 01/29/2025 |
| II. Site Information |
| A. Site Name: Corteva Freeport Operations |
| B. Regulated Entity Reference Number (RN): RN110746757 |
| C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i> |
| <input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A |
| D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i> |
| <input type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS |
| Other: |
| E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: |
| III. Permit Type |
| A. Type of Permit Requested: <i>(Select only one response)</i> |
| <input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP) |

**Federal Operating Permit 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: Ralph Ford | |
| RO Title: Vice President Cop Protection Operation | |
| Employer Name: Corteva Agriscience LLC | |
| Mailing Address: 9330 Zionville Road, Building 308 | |
| City: Indianapolis | |
| State: Indiana | |
| ZIP Code: 46268 | |
| Territory: | |
| Country: United States | |
| Foreign Postal Code: | |
| Internal Mail Code: | |
| Telephone No.: (463) 209-9806 | |
| Fax No.: | |
| Email: Ralph.Ford@Corteva.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 type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Technical Contact Full Name: Sharareh Rafati |
| Technical Contact Title: Environmental Specialist |
| Employer Name: Corteva Agriscience LLC |
| Mailing Address: 2301 North Brazosport Blvd. |
| City: Freeport |
| State: Texas |
| ZIP Code: 77541 |
| Territory: |
| Country: United States |
| Foreign Postal Code: |
| Internal Mail Code: A-3210 |
| Telephone No.: 979-292-6711 |
| Fax No.: |
| Email: sharareh.rafati@corteva.com |
| VIII. Reference Only Requirements <i>(For reference only.)</i> |
| A. State Senator: Joan Huffman |
| B. State Representative: Cody Vasut |
| 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: Corteva Freeport Operations |
| B. Physical Address: 565 Midway Road, Building A-3200 |
| City: Freeport |
| State: Texas |
| ZIP Code: 77541 |
| C. Physical Location: |
| Directions to the facility: 565 Midway Rd., Bldg. A3210, Freeport, TX 77541 |
| |
| |
| D. Nearest City: Freeport |
| E. State: Texas |
| F. ZIP Code: 77541 |

**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): 28°57'21"N |
| H. Longitude (nearest second): 95°20'07"W |
| 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: 14 |
| K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.) |
| A. Name of a public place to view application and draft permit: Freeport Library |
| B. Physical Address: 410 North Brazosport Blvd. |
| City: Freeport |
| ZIP Code: 77541 |
| 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 checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.): |
| Contact Person Full Name: Sharareh Rafati |
| Contact Mailing Address: 2301 North Brazosport Blvd. |
| City: Freeport |
| State: Texas |
| ZIP Code: 77541 |
| Territory: |
| Country: United States |
| Foreign Postal Code: |
| Internal Mail Code: A-3210 |
| Telephone No.: 979-292-6711 |

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

XII. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIII. Designated Representative (DR) Identifying Information

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIV. Alternate Designated Representative (ADR) Identifying Information

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

[Table 1](#)

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 1/30/2025 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|---|---|
| D | 4 | A32CPCF2A | OP-UA15 | CENTRIFUGE 2A | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPCF2B | OP-UA15 | CENTRIFUGE 2B | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPCLYN | OP-UA4 OP-UA15 | CYANOPYRIDINE RAIL-CAR UNLOADING | | 770 | |
| D | 4 | A32CPCT1 | OP-UA1 OP-UA13 | CT-1 COOLING TOWER | | 770 106.371/09/04/2000 | |
| D | 4 | A32CPD750 | OP-REQ2 | D-750-61 VINYL CHLORIDE LIQUID DEMPSTER | | 770 | |
| D | 4 | A32CPD755 | OP-REQ2 | D-755-CC REACTOR | | 770 | |
| D | 4 | A32CPDL3 | OP-UA15 | D-3 CYANOPYRIDINE VAPORIZER DRUMS | | 770 | |
| D | 4 | A32CPFUPIC | OP-UA1 OP-UA12 OP-REQ2 | PICLORAM FUGITIVES | | 770 142400 106.124/09/04/2000 106.262/09/04/2000 106.472/09/04/2000 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

[Table 1](#)

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 1/30/2025 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------|---------------------|--|---|
| D | 4 | A32CPH200 | OP-REQ2 | NITROGEN HEATER | | 770 | |
| D | 4 | A32CPH44 | OP-UA1 OP-UA5 OP-REQ2 | DTU 44 PIC FURNACE | | 770 | |
| D | 4 | A32CPK1A | OP-REQ2 | K-1A AMINATION REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK1B | OP-REQ2 | K-1B AMINATION REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK2A | OP-REQ2 | K-2A HYDROLYSIS REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK2B | OP-REQ2 | K-2B HYDROLYSIS REACTOR | | 770 106.124/09/04/2000 106.264/09/04/2000 | |
| D | 4 | A32CPLR06C | OP-UA4 | LOADING RACK 106C-D | | 770 | |
| D | 4 | A32CPOS10 | OP-UA15 | SU-10 BUILDING SUMP | | 770 | |
| D | 4 | A32CPOS5 | OP-UA15 | SU-5 MAINT/WASH RACK SUMP | | 770 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 1/30/2025 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|---|---------------------|--|---|
| D | 4 | A32CPOS8 | OP-UA15 | SU-8 CALGON SUMP | | 770 | |
| D | 4 | A32CPPUDIL | OP-UA1 OP-UA15 | DILUENT VENT PROCESS VESSEL | | 770 | |
| D | 4 | A32CPRX200 | OP-REQ2 | R-200 REACTOR | | 770 | |
| | | A32CPSC07 | OP-UA16 OP-UA57 | A-3207 DEGREASING | | 106.454/11/01/2001 | |
| D | 4 | A32CPST06C | OP-UA3 OP-UA4 OP-REQ2 | D-106C DILUENT RECOVERY TAR TANK | | 770 | |
| D | 4 | A32CPST06D | OP-UA3 OP-REQ2 | D-106D SPENT DILUENT RECOVERY TAR TANK | | 770 | |
| D | 4 | A32CPST16E | OP-UA3 | D-16E Tet PN TANK | | 106.472/09/04/2000 | |
| | 13 | A32CPST25 | OP-UA3 OP-REQ2 | D-25 WASTEWATER TANK | | 770 106.472/09/04/2000 | |
| D | 4 | A32CPST28 | OP-UA3 OP-REQ2 | D-28C CARBON BEDS SPENT TANK | | 770 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 1/30/2025 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|--|---|
| D | 4 | A32CPST28C | OP-UA3 OP-REQ2 | D-28B-CARBON BEDS SPENT TANK | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPST42 | OP-UA3 OP-REQ2 | D-42-DOWTHERM A STORAGE TANK | | 770 | |
| D | 4 | A32CPST51 | OP-UA15 | D-51-KNOCK OUT POT | | 770 | |
| D | 4 | A32CPST54 | OP-REQ2 | T-14 PURIFICATION TOWER | | 770 | |
| D | 4 | A32CPT1 | OP-REQ2 | T-1 QUENCH TOWER | | 770 | |
| | 11, 17, 18, 19, 22 | A32CPTO500 | OP-UA15 OP-REQ2 | FB-500 THROX | | 98806 106.472/09/04/2000[175948] 770 142400 151916 106.261/11/01/2003 106.261/11/01/2003[176951] 106.262/11/01/2003[176951] | |
| D | 4 | A32CPULCYN | OP-UA4 | CYANPYRIDINE TANK TRUCK UNLOADING | | 770 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

[Table 1](#)

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 1/30/2025 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|---|---|
| A | 9 | A32DCCT510 | OP-REQ2 | DCP COOLING TOWER | | 98806 | |
| | 5, 8, 22, 23 | A32DCFU430 | OP-REQ2 OP-UA12 | FUGITIVES FOR DCP PLANT | | 98806 151939 106.261/11/01/2003[177666] 106.262/11/01/2003[176951, 177348, 177666] | |
| A | 10 | A32DCST20 | OP-REQ2 | TTU - D-20 Perchloroethylene (Perc.) Tank | | 98806 | |
| | 6 | A32DCST410 | OP-UA3 OP-REQ2 | D-4100 PHENOL STORAGE TANK | | 98806 | |
| | | A32DCST445 | OP-UA3 OP-REQ2 | D-4450 DCP TARS STORAGE TANK | | 98806 | |
| | | A32DCST48A | OP-UA3 OP-REQ2 | D-4800A PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCST48B | OP-UA3 OP-REQ2 | D-4800B PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCST48C | OP-UA3 OP-REQ2 | D-4800C PRODUCT STORAGE TANK | | 98806 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 1/30/2025 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|--|---|---------------------|---|---|
| | | A32DCSU14 | OP-UA15 | DCP MAINTENANCE SUMP SU-14 | | 98806 | |
| | 6 | A32DCTL445 | OP-UA4 OP-REQ2 | DCP TAR LOADING FROM D-4450 | | 98806 <i>106.472/09/04/2000[175948]</i> | |
| D | 4 | A32ST1B | OP-UA3 | CYANOPYRIDINE STORAGE TANK | | 770 | |
| | 11, 22 | A32TO560 | OP-UA15 OP-REQ2 | TC-560 TOX INCINERATOR | | 98806 106.472/09/04/2000[175948] 770, 142400 151916 106.261/11/01/2003 106.261/11/01/2003[176951] 106.262/11/01/2003[176951] | |
| | 11 | PROA32DAS | OP-UA57 | DOW AGROSCIENCES PROCESS UNITS | | 770, 98806 106.263/11/01/2001 | |
| | 7, 20 | PRODCP | OP-REQ2 OP-UA60 | DCP PROCESS UNIT | | 98806 | |
| <i>A</i> | <i>21</i> | <i>A32DCLR410</i> | <i>OP-UA4</i> | <i>PHENOL RAILCAR UNLOADING</i> | | <i>106.472/09/04/2000[176951]</i> | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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 |
|------------|---------------|-------------------------|
| 01/30/2025 | O2206 | RN110746757 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|-------------------|------------------|-------------------------|-------------------|
| A32CPTO500 | 175948 | 106.472 | 05/07/2024 |
| A32DCTL445 | 175948 | 106.472 | 05/07/2024 |
| A32TO560 | 175948 | 106.472 | 05/07/2024 |
| A32DCLR410 | 176951 | 106.472 | 08/06/2024 |
| A32DCFU430 | 176951 | 106.262 | 08/06/2024 |
| A32CPTO500 | 176951 | 106.261, 106.262 | 08/06/2024 |
| A32TO560 | 176951 | 106.261, 106.262 | 08/06/2024 |
| A32DCFU430 | 177348 | 106.262 | 08/30/2024 |
| A32DCFU430 | 177666 | 106.261, 106.262 | 10/01/2024 |
| | | | |
| | | | |

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 |
|------------|---------------|-------------------------|
| 01/30/2025 | O2206 | RN110746757 |

| Unit ID No. | PBR No. | Version No./Date |
|------------------|----------------|-------------------|
| A32CPSC07 | 106.454 | 11/01/2001 |
| A32CPST25 | 106.472 | 09/04/2000 |
| PROA32DAS | 106.263 | 11/01/2001 |
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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 |
|------------|---------------|-------------------------|
| 01/30/2025 | O2206 | RN110746757 |

| PBR No. | Version No./Date |
|---------|------------------|
| n/a | n/a |
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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 |
|------------|---------------|-------------------------|
| 01/30/2025 | O2206 | RN110746757 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|-------------------|-------------------------|--------------------------------------|--|
| A32CPSC07 | 106.454 | 11/01/2001 | Maintain monthly records of gross solvent usage, solvent disposal, total solvent makeup; Store all waste solvent in covered containers until emptying for waste disposal; Collect all porous / absorbent materials for degreasing, ensure that all porous / absorbent materials are kept from degreasing; Inspect the equipment monthly, shutdown the degreaser if leakage occurs, and repair all leaks immediately; Inspect the proper operating procedures label on or near the degreaser monthly. |
| A32CPST25 | 106.472 | 09/04/2000 | Maintain loading records including material names, material SDS, and records of visible emission observations. |
| A32CPTO500 | 106.472 | 175948 | Maintain records of visible emission observations. |
| A32DCTL445 | 106.472 | 175948 | Maintain loading records including material names, material SDS, and records of visible emission observations. |
| A32TO560 | 106.472 | 175948 | Maintain records of visible emission observations. |
| A32DCLR410 | 106.472 | 176951 | Maintain loading records including material names, material SDS, and records of visible emission observations. |
| A32DCFU430 | 106.262 | 176951 | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024) |
| A32CPTO500 | 106.261, 106.262 | 176951 | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024) |

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 |
|------------|---------------|-------------------------|
| 01/30/2025 | O2206 | RN110746757 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|-------------|------------------|--------------------------------------|--|
| A32TO560 | 106.261, 106.262 | 176951 | <i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024)</i> |
| A32DCFU430 | 106.262 | 177348 | <i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024)</i> |
| A32DCFU430 | 106.261, 106.262 | 177666 | <i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024)</i> |
| PROA32DAS | 106.263 | 11/01/2001 | <i>Maintain records of the testing data, the material safety data sheet, or documentation of the standard reference texts used to determine the true vapor pressure of each VOC component, in accordance with the requirements in §115.465(1), the concentration of all VOC used to prepare the cleaning solution and, if diluted prior to use, the proportions that each of these materials is used must be recorded, and must be sufficient to demonstrate continuous compliance with the VOC limits in §115.463(a) and (e).</i> |

From: Tusar Swami
Sent: Friday, December 20, 2024 5:00 PM
To: Rafati, Sharareh
Cc: Phillips, John; Benn, Daniel
Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva

Shirly:

Good Afternoon. Please see the updated draft. The PNAP will go out early January after management review. Wishing you a wonderful Holiday season. I believe you owe me an OP-CRO1 for the updated OP-SUMR.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



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

From: Rafati, Sharareh <sharareh.rafati@corteva.com>
Sent: Friday, October 25, 2024 2:47 PM
To: Tusar Swami <tusar.swami@tceq.texas.gov>
Cc: Phillips, John <john.phillips-1@corteva.com>; Benn, Daniel <daniel.benn@corteva.com>
Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Tusar,

The updated the OP-SUMR is attached and includes the preconstruction authorizations (PCA).

- A32DCST20, Page 5 of 6 – This is the D-20 Perchloroethylene (Perc) tank which was certified under a PBR and rolled into NSR 98806 calcs during renewal.
- A32DCTL445, Page 6 of 6 – This is the Tar Loading Operations and is certified under PBR 106.472/09/04/2000[175948].
- PROA32DAS, Page 6 of 6 – This is for the miscellaneous surface coating operations and is claimed under PBR 106.263.

I will submit the OP-CRO1 form to you next week.

Please let me know if you have questions.

Shirly 979-292-6711

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

Table 1

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|------------|------------|----------------------|
| 10/25/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|---|---|
| D | 4 | A32CPCF2A | OP-UA15 | CENTRIFUGE 2A | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPCF2B | OP-UA15 | CENTRIFUGE 2B | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPCLYN | OP-UA4 OP-UA15 | CYANOPYRIDINE RAIL CAR UNLOADING | | 770 | |
| D | 4 | A32CPCT1 | OP-UA1 OP-UA13 | CT-1 COOLING TOWER | | 770 106.371/09/04/2000 | |
| D | 4 | A32CPD750 | OP-REQ2 | D-750-61 VINYL CHLORIDE LIQUID DEMPSTER | | 770 | |
| D | 4 | A32CPD755 | OP-REQ2 | D-755-CC REACTOR | | 770 | |
| D | 4 | A32CPDL3 | OP-UA15 | D-3 CYANOPYRIDINE VAPORIZER DRUMS | | 770 | |
| D | 4 | A32CPFUPIC | OP-UA1 OP-UA12 OP-REQ2 | PICLORAM FUGITIVES | | 770 142400 106.124/09/04/2000 106.262/09/04/2000 106.472/09/04/2000 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

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|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------|---------------------|--|---|
| D | 4 | A32CPH200 | OP-REQ2 | NITROGEN HEATER | | 770 | |
| D | 4 | A32CPH44 | OP-UA1 OP-UA5 OP-REQ2 | DTU 44 PIC FURNACE | | 770 | |
| D | 4 | A32CPK1A | OP-REQ2 | K 1A AMINATION REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK1B | OP-REQ2 | K 1B AMINATION REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK2A | OP-REQ2 | K 2A HYDROLYSIS REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK2B | OP-REQ2 | K 2B HYDROLYSIS REACTOR | | 770 106.124/09/04/2000 106.264/09/04/2000 | |
| D | 4 | A32CPLR06C | OP-UA4 | LOADING RACK 106C D | | 770 | |
| D | 4 | A32CPOS10 | OP-UA15 | SU 10 BUILDING SUMP | | 770 | |
| D | 4 | A32CPOS5 | OP-UA15 | SU 5 MAINT/WASH RACK SUMP | | 770 | |

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|--------------------|------------------------------|------------------------|------------------------------------|---|---------------------|--|---|
| D | 4 | A32CPOS8 | OP-UA15 | SU-8 CALGON SUMP | | 770 | |
| D | 4 | A32CPPUDIL | OP-UA1 OP-UA15 | DILUENT VENT PROCESS VESSEL | | 770 | |
| D | 4 | A32CPRX200 | OP-REQ2 | R-200 REACTOR | | 770 | |
| | | A32CPSC07 | OP-UA16 OP-UA57 | A-3207 DEGREASING | | 106.454/11/01/2001 | |
| D | 4 | A32CPST06C | OP-UA3 OP-UA4 OP-REQ2 | D-106C DILUENT RECOVERY TAR TANK | | 770 | |
| D | 4 | A32CPST06D | OP-UA3 OP-REQ2 | D-106D SPENT DILUENT RECOVERY TAR TANK | | 770 | |
| D | 4 | A32CPST16E | OP-UA3 | D-16E Tet PN TANK | | 106.472/09/04/2000 | |
| | 13 | A32CPST25 | OP-UA3 OP-REQ2 | D-25 WASTEWATER TANK | | 770 106.472/09/04/2000 | |
| D | 4 | A32CPST28 | OP-UA3 OP-REQ2 | D-28C CARBON BEDS SPENT TANK | | 770 | |

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|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------------|---------------------|--|---|
| D | 4 | A32CPST28C | OP-UA3 OP-REQ2 | D-28B CARBON BEDS SPENT TANK | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPST42 | OP-UA3 OP-REQ2 | D-42 DOWTHERM A STORAGE TANK | | 770 | |
| D | 4 | A32CPST51 | OP-UA15 | D-51 KNOCK-OUT POT | | 770 | |
| D | 4 | A32CPST54 | OP-REQ2 | T-14 PURIFICATION TOWER | | 770 | |
| D | 4 | A32CPT1 | OP-REQ2 | T-1 QUENCH TOWER | | 770 | |
| | 11, 17, 18, 19, 22 | A32CPTO500 | OP-UA15 OP-REQ2 | FB-500 THROX | | 98806 106.472/09/04/2000[175948] 770 142400 151916 106.261/11/01/2003 106.261/11/01/2003[176951] 106.262/11/01/2003[176951] | |
| D | 4 | A32CPULCYN | OP-UA4 | CYANPYRIDINE TANK TRUCK UNLOADING | | 770 | |
| A | 9 | A32DCCT510 | OP-REQ2 | DCP COOLING TOWER | | 98806 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

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|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|--|---|
| | 5, 8, 22, 23 | A32DCFU430 | <i>OP-REQ2</i> <i>OP-UA12</i> | FUGITIVES FOR DCP PLANT | | 98806 454939 <i>106.262/11/01/2003[176951]</i> <i>106.262/11/01/2003[177348]</i> | |
| A | 10 | <i>A32DCST20</i> | <i>OP-REQ2</i> | <i>TTU - D-20 Perchloroethylene (Perc.) Tank</i> | | <i>98806</i> | |
| | 6 | A32DCST410 | OP-UA3 OP-REQ2 | D-4100 PHENOL STORAGE TANK | | 98806 | |
| | | A32DCST445 | OP-UA3 OP-REQ2 | D-4450 DCP TARS STORAGE TANK | | 98806 | |
| | | A32DCST48A | OP-UA3 OP-REQ2 | D-4800A PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCST48B | OP-UA3 OP-REQ2 | D-4800B PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCST48C | OP-UA3 OP-REQ2 | D-4800C PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCSU14 | OP-UA15 | DCP MAINTENANCE SUMP SU-14 | | 98806 | |

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| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|--|---|---------------------|--|---|
| | 6 | A32DCTL445 | OP-UA4 OP-REQ2 | DCP TAR LOADING FROM D-4450 | | 98806 <i>106.472/09/04/2000[175948]</i> | |
| D | 4 | A32ST1B | OP-UA3 | CYANOPYRIDINE STORAGE TANK | | 770 | |
| | 11, 22 | A32TO560 | OP-UA15 OP-REQ2 | TC-560 TOX INCINERATOR | | 98806 <i>106.472/09/04/2000[175948]</i> 770 142400 151916 106.261/11/01/2003 <i>106.261/11/01/2003[176951]</i> <i>106.262/11/01/2003[176951]</i> | |
| | 11 | PROA32DAS | OP-UA57 | DOW AGROSCIENCES PROCESS UNITS | | 770 98806 <i>106.263/11/01/2001</i> | |
| | 7, 20 | PRODCP | OP-REQ2 OP-UA60 | DCP PROCESS UNIT | | 98806 | |
| A | 21 | <i>A32DCLR410</i> | <i>OP-UA4</i> | <i>PHENOL RAILCAR UNLOADING</i> | | <i>106.472/09/04/2000[176951]</i> | |

From: Rafati, Sharareh

Sent: Friday, October 25, 2024 11:06 AM

To: Tusar Swami <tusar.swami@tceq.texas.gov>

Cc: Phillips, John <john.phillips-1@corteva.com>; Benn, Daniel <daniel.benn@corteva.com>

Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Hi Tusar,

We will resubmit the OP-SUMR with the two Unit IDs: A32DCTL445 and PROA32DAS along with the PCA.

The ID Number A32DCST20 is an existing tank that had a change of service to store Perchloroethylene after October 4, 2023, and the final NSPS rule was published on October 15, 2024, for the affected facilities with storage vessel of VOL for which construction, reconstruction, or modification commenced after October 4, 2023. But this tank has a capacity of 19,000 gallons so it does not meet the storage capacity of 20,000 gallons. Therefore, we are asking to include a permit shield for the negative applicability of NSPS Kc.

The new NSPS Kc rule is at the link below:

[eCFR :: 40 CFR Part 60 Subpart Kc -- Standards of Performance for Volatile Organic Liquid Storage Vessels \(Including Petroleum Liquid Storage Vessels\) for Which Construction, Reconstruction, or Modification Commenced After October 4, 2023](#)

Please let us know if you have any other questions or need anything else.

Thanks,

Shirly 979-292-6711

From: [Tusar Swami](#)
To: [Rafati, Sharareh](#)
Cc: [Phillips, John](#)
Subject: RE: Working Draft Permit -- FOP 02206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21
Date: Friday, October 25, 2024 10:46:00 AM
Attachments: [image002.png](#)
[image003.png](#)

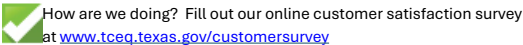
Shirley:
I updated the authorization for A32DCTL445 and PROA32DAS as requested. But apparently you provided the PBR registration date for 05/07/2024 in the draft permit.
Typically we represent PBR followed by the version date followed and by PBR registration number if it applicable (based on how it is represented in OP-SUMR). So the correct way to represent them will be as follows:

| | | |
|------------|-----------------------------|-----------------------------|
| A32DCTL445 | DCP TAR LOADING FROM D-4450 | 106.472/09/04/2000 [175948] |
|------------|-----------------------------|-----------------------------|

But this will necessitate to update
1. OP-SUMR with these two Unit IDs A32DCTL445 and PROA32DAS along with the PCA. Please resend that.
Regarding your request to add permit shield for 40 CFR Part, 60 Subpart Kc. I could not find this rule. I guess you are mistaking it for something else. Please provide more details. We have already a permit shield for 40 CFR Part 60, Subpart Kb.

| | | | | | | |
|---|----|-----------|--------|----------------------------|------------|---------------------------|
| A | 10 | A32DCST20 | OP-UA3 | 40 CFR Part, 60 Subpart Kc | 60.110c(a) | Capacity < 20,000 gallons |
|---|----|-----------|--------|----------------------------|------------|---------------------------|

Sincerely,
Tusar Swami, P.E.
Texas Commission on Environmental Quality
OA/APD/Operating Permits Section
12100 Park 35 Circle, Bldg. C, Austin, TX 78753
Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087
Phone: 512/239-1581 Fax: 512/239-1400
Email: tusar.swami@tceq.texas.gov



From: Rafati, Sharareh <sharareh.rafati@corteva.com>
Sent: Thursday, October 24, 2024 2:27 PM
To: Tusar Swami <tusar.swami@tceq.texas.gov>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: RE: Working Draft Permit -- FOP 02206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Tusar,

Please see below our comments on the WDP dated 10/22/24:

1. WDP Page 25 - Permit Shield: The negative applicability of Chapter 112 to A32CPTO500 is missing the word “solid” that was requested in the July 11 submittal.
2. WDP Page 25 - Permit Shield: The negative applicability of 40 CFR subpart Kc is missing. I have added the citation in red on Page 8 of the attached OP-REQ2_10-24-24
3. WDP Page 30 – NSR Authorizations: The authorizations for A32DCTL445 and PROA32DAS have been corrected.

Thank you,

[Shirly 979-292-6711](tel:979-292-6711)

From: Rafati, Sharareh
Sent: Thursday, October 24, 2024 10:46 AM
To: Tusar Swami <tusar.swami@tceq.texas.gov>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: RE: Working Draft Permit -- FOP 02206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Hi Tusar,

I am sending this to let you know that there are some comments on the WDP and I will send them to you shortly.

[Shirly 979-292-6711](tel:979-292-6711)

From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Tuesday, October 22, 2024 11:04 PM
To: Rafati, Sharareh <sharareh.rafati@corteva.com>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: [EXTERNAL] RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Shirly:

Please see the updated draft. PROA32DAS along with its applicable requirements are added back. I am going ahead with preparing the PNAP. Will let you know if we need anything else

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality
OA/APD/Operating Permits Section
12100 Park 35 Circle, Bldg. C, Austin, TX 78753
Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087
Phone: 512/239-1581 Fax: 512/239-1400
Email: tusar.swami@tceq.texas.gov



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

From: Rafati, Sharareh <sharareh.rafati@corteva.com>
Sent: Monday, October 21, 2024 3:04 PM
To: Tusar Swami <tusar.swami@tceq.texas.gov>
Cc: Phillips, John <john.phillips-1@corteva.com>

Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Yes Tusar, I accept the verbiage below.

Shirly 979-292-6711

From: Tusar Swami <tusar.swami@tceq.texas.gov>

Sent: Monday, October 21, 2024 3:03 PM

To: Rafati, Sharareh <sharareh.rafati@corteva.com>

Cc: Phillips, John <john.phillips-1@corteva.com>

Subject: [EXTERNAL] RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Shirley:

So then do you accept the requirements determined in the draft?

| | | | | | | | | | |
|-----------|-----|----------|-----|--|-----------------|---|------|---|------|
| A32CPSC07 | PRO | R5460-01 | VOC | 30 TAC Chapter 115, Subchapter E, Division 6 | [G]§ 115.461(c) | A solvent cleaning operation is exempt from this division if the process or operation that the solvent cleaning operation is associated with is subject to another division in this chapter and the VOC emissions from the solvent cleaning operation are controlled in accordance with an emission specification or control requirement of the division that the | None | § 115.468(b)(2) § 115.468(b)(3) § 115.468(b)(5) | None |
|-----------|-----|----------|-----|--|-----------------|---|------|---|------|

| | | | | | | | | | |
|--|--|--|--|--|--|---|--|--|--|
| | | | | | | process or operation is subject to. §115.461(c)(1)- (2) | | | |
|--|--|--|--|--|--|---|--|--|--|

I will add back PROA32DAS along with its applicable requirements and will resend the draft.

Sincerely,

Tusar Swami, P.E.

**Texas Commission on Environmental Quality
OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



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

From: Rafati, Sharareh <sharareh.rafati@corteva.com>

Sent: Monday, October 21, 2024 2:53 PM

To: Tusar Swami <tusar.swami@tceq.texas.gov>

Cc: Phillips, John <john.phillips-1@corteva.com>

Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Hi Tusar,

115REQ is correct.

Shirly 979-292-6711

From: Tusar Swami <tusar.swami@tceq.texas.gov>

Sent: Monday, October 21, 2024 2:42 PM

To: Rafati, Sharareh <sharareh.rafati@corteva.com>

Cc: Phillips, John <john.phillips-1@corteva.com>

Subject: [EXTERNAL] RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Shirley:

Good Afternoon. I too walked through the flow chart. Here is the detailed description of the code from the OP-UA57 instructions (page 8/16)

[Cleaning/Depainting Operation Attributes](#)

115REQ - In accordance with §115.461(c), the solvent cleaning operation is subject to another division of Chapter 115 and VOC emissions are controlled in accordance with that division. {Since you are using this code, in accordance with 115.461(c) you are picking up [G]115.461(c). The path it takes is Start -> No -> No -> 1 (page 2) -> No – Yes – Picks up the requirements and End}

115PRO - In accordance with §115.461(b), the process or operation that the solvent cleaning operation is associated with is subject to another division of Chapter 115.

Please let me know.

Tusar

From: Rafati, Sharareh <sharareh.rafati@corteva.com>

Sent: Friday, October 18, 2024 10:42 AM

To: Tusar Swami <tusar.swami@tceq.texas.gov>

Cc: Phillips, John <john.phillips-1@corteva.com>

Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Tusar,

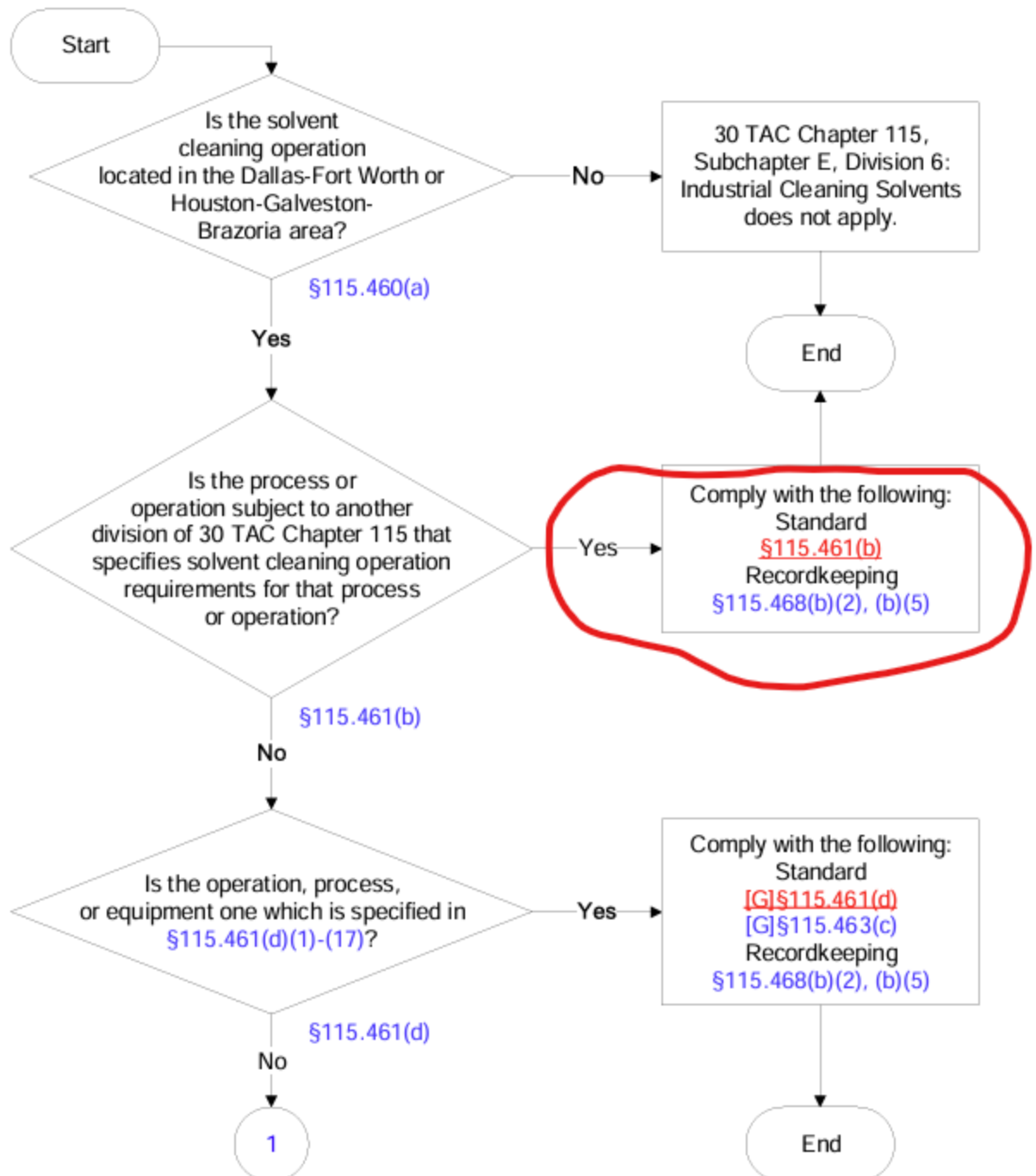
We went back and looked at the degreaser A32CPSC07 requirements again, in the Chapter 115 flow chart below our degreaser requirements are shown in the red circle, which I believe this aligns with “115REQ”. So I must disagree with the change to 115PRO.



Below is a flowchart describing 30 TAC Ch. 115, Industrial Cleaning Solvents. For the text of the statute/rule, please go to

[30 TAC Chapter 115, Industrial Cleaning Solvents.](#)

(1 of 6)



Shirly 979-292-6711

From: Rafati, Sharareh
Sent: Friday, October 18, 2024 10:11 AM
To: Tusar Swami <tusar.swami@tceq.texas.gov>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Hi Tusar,

Yes, we agree with changing the requirements for A32CPSC07 to "115PRO".

Corteva inadvertently had requested the deletion of Unit Id No. PROA32DAS on Form OP-2, Revision No. 4 and OP-SUMR on the renewal application that was submitted on July 11, 2024. However, during the review of first WDP we discovered the error, and in the October 2, 2024, response we re-submitted Forms OP-2, OP-SUMR, OP-UA57, and OP-REQ3 to keep the requirements for Unit ID No. PROA32DAS in the permit. The October 2 email is attached for convenience.

Please let me know if you have any questions.

Shirly 979-292-6711

From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Thursday, October 17, 2024 3:59 PM
To: Rafati, Sharareh <sharareh.rafati@corteva.com>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: [EXTERNAL] RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/21

Shirley:

Good Afternoon. See the updated draft. We have disagreement with one Unit ID A32CPSC07 (OP-UA57, R5460-01). We have the correct applicable requirements based on the attribute value for Exemptions "115REQ". The updated requirements you provided will be picked up if the Exemption is changed to "115PRO". Please let me know if you accept the draft so that we can proceed preparing the PNAP for management review.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality
OA/APD/Operating Permits Section
12100 Park 35 Circle, Bldg. C, Austin, TX 78753
Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087
Phone: 512/239-1581 Fax: 512/239-1400
Email: tusar.swami@tceq.texas.gov

From: Rafati, Sharareh <sharareh.rafati@corteva.com>
Sent: Thursday, October 3, 2024 11:56 AM
To: Tusar Swami
Cc: Phillips, John
Subject: RE: Working Draft Permit -- FOP O2206/Project 36861
Attachments: Form OP-2_10.3.2024.pdf; Corteva_OP-1_10.3.2024.pdf

Hi Tusar,

We just noticed that the site was inadvertently indicated as a major source for VOC in the submitted Title V application. The VOC emissions from active permits and registrations, including NSR98806 and the 4 PBRs projects submitted after the permit amendment are shown below and total to 5.88 tpy which is below VOC PTE threshold of 25 tpy.

| Permit Nos | VOC (TPY) |
|------------|-----------|
| 98806 | 5.85 |
| 177666 | 0 |
| 177348 | 0.01 |
| 176951 | 0.01 |
| 175948 | 0.01 |
| TOTAL | 5.88 |

This will only impact the statement of basis when the permit is issued. To correct this, we are submitting the attached updated OP-1 and OP-2 forms.

The OP-CRO1 that will be sent to you next week will cover all these email submittals.

Please let me know if you have any questions.

Shirly 979-292-6711

From: Rafati, Sharareh
Sent: Wednesday, October 2, 2024 12:25 PM
To: Tusar Swami <tusar.swami@tceq.texas.gov>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/4

Hi Tusar,

Please see the attached responses per your request in your email below sent on 9/23/24. I will send you the OP-CRO1 signed by John Phillips next week.

If you have any questions, please let me know.

**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: Corteva Agriscience LLC | |
| B. Customer Reference Number (CN): CN601287600 | |
| C. Submittal Date (mm/dd/yyyy): 10/3/2024 | |
| II. Site Information | |
| A. Site Name: Corteva Freeport Operations | |
| B. Regulated Entity Reference Number (RN): RN110746757 | |
| C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i> | |
| <input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A | |
| D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i> | |
| <input type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS | |
| Other: | |
| E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: | |
| III. Permit Type | |
| A. Type of Permit Requested: <i>(Select only one response)</i> | |
| <input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP) | |



October 3, 2024

Electronically Submitted: STEERS

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

Corteva Agriscience LLC (CN601287600)
Corteva Freeport Operations (RN110746757)
Dichlorophenol (DCP) Manufacturing Facility
Site Operating Permit O2206 Renewal
Working Draft Permit Response – Project No. 36861

Dear Mr. Swami:

Purpose

Corteva Agriscience LLC is submitting a response to the TCEQ's Working Draft Permit (WDP), is providing additional permit application updates which includes a signed OP-CRO1.

Attachments

The following forms are included in this submittal as part of the permit application:

- Form OP-CRO1
 - Form OP-2
 - Form OP-SUMR
 - Form OP-UAs
 - Form OP-REQ1 (Page 88)
 - Form OP-REQ3
 - Form OP-PBRSUP
-

Future Contact

For future correspondence, please contact:

John Phillips (515) 535-1401

Email john.phillips-1@corteva.com

And/Or

Sharareh Rafati (979) 292-6711

Email Sharareh.Rafati@corteva.com

Sincerely,

A handwritten signature in black ink that reads 'John D. Phillips, AIA'.

John Phillips
Freeport Site Leader
Corteva Agriscience LLC

| | | |
|--------|-------------------------------------|--|
| XC: | Region VI Administrator (6PD-R) | EPA Region VI; 1445 Ross Avenue, Suite 1200; Dallas, TX 75202-2733 Email: R6AirPermitsTX@epa.gov |
| | Air Section Manager | Air Section, TCEQ, OCE/FO Region XII, 5425 Polk Street, Suite H, Houston, TX 77023-1452 |
| | Director of Environmental Health | Environmental Health, Brazoria County Health Department, 111 East Locust, A-29 Suite 107, Angleton, TX 77515-4642 |
| Email: | Sharareh Rafati | Sharareh.Rafati@corteva.com |

October 2, 2024

Submitted via Electronic Mail

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

Corteva Agriscience LLC (CN601287600)
Corteva Freeport Operations (RN110746757)
Dichlorophenol (DCP) Manufacturing Facility
Site Operating Permit O2206 Renewal
Working Draft Permit NOD 1 Response – Project No. 36861

Dear Mr. Swami:

Purpose

Corteva Agriscience LLC is submitting a response to the TCEQ's Working Draft Permit (WDP), is providing additional permit application updates which includes a signed OP-CRO1.

Attachments

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- Form OP-CRO1
- Form OP-2
- Form OP-SUMR
- Form OP-UAs
- Form OP-REQ1 (Page 88)
- Form OP-REQ3
- Form OP-PBR SUP

Future Contact

For future correspondence, please contact:

John Phillips (515) 535-1401
Email john.phillips-1@corteva.com
And/Or
Sharareh Rafati (979) 292-6711
Email Sharareh.Rafati@corteva.com

Sincerely,

Sharareh Rafati

Environmental Specialist
Corteva Freeport Operations

| | | |
|--------|-------------------------------------|--|
| XC: | Region VI Administrator (6PD-R) | EPA Region VI; 1201 Elm Street Dallas, TX 75270 Email: R6AirPermitsTX@epa.gov |
| | Air Section Manager | Air Section, TCEQ, OCE/FO Region XII, 5425 Polk Street, Suite H, Houston, TX 77023-1452 |
| Email | Director of Environmental Health | JODIEV@brazoriacountytx.gov Environmental Health, Brazoria County Health Department, 111 East Locust, A-29 Suite 107, Angleton, TX 77515-4642 |
| Email: | Sharareh Rafati | Sharareh.Rafati@corteva.com |

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available as required by 30 TAC § 122.144. Any monitoring or recordkeeping data indicating noncompliance with the PBR or Standard Permit shall be considered and reported as a deviation according to 30 TAC § 122.145 (Reporting Terms and Conditions).

Compliance Requirements

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

~~13. Permit holder shall comply with the following 30 TAC Chapter 117 requirements:~~

- ~~A. The permit holder shall comply with the compliance schedules and submit written notification to the TCEQ Executive Director as required in 30 TAC Chapter 117, Subchapter H, Division 1:~~
- ~~(i) For sources in the Houston-Galveston-Brazoria Nonattainment area, 30 TAC § 117.9020:~~
- ~~(1) Title 30 TAC § 117.9020(2)(A), (C), and (D)~~
- ~~B. The permit holder shall comply with the Initial Control Plan unit listing requirement in 30 TAC § 117.350(e) and (e)(1).~~
- ~~C. The permit holder shall comply with the requirements of 30 TAC § 117.354 for Final Control Plan Procedures for Attainment Demonstration Emission Specifications and 30 TAC § 117.356 for Revision of Final Control Plan.~~

~~14.~~ 13. Use of Emission Credits to comply with applicable requirements:

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

Commented [OP1]: Please remove this Special Term & Condition. We inadvertently selected "YES" on OP-REQ1, Section IV.C.1. Corteva is located at a site that subject to 30 TAC Chapter 117, Subchapter B but DOES NOT include units specified in 30 TAC §§ 117.100, 117.300, or 117.400. Therefore, the correct response to the question in Section IV.C.1. should be "NO", and no response is required to question IV.C.2.-3. Please see revised OP-REQ1, Page 14. After Picloram unit was shutdown the Dowtherm heater which was our only combustion source was shutdown and decommissioned. We no longer have any sources subject to Chapter 117.

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) |
|---------------------------|-------------------------|---------------|-----------|--|---|--|---|--|---|
| A32CPSC07 | EU | R5412-01 | VOC | 30 TAC Chapter 115, Degreasing Processes | § 115.412(1) § 115.411(1) [G]§ 115.412(1)(A) § 115.412(1)(C) § 115.412(1)(D) § 115.412(1)(E) [G]§ 115.412(1)(F) | No person shall own or operate a system utilizing a VOC for the cold solvent cleaning of objects without the controls listed in §115.412(1)(A)-(F), except as exempted in §115.411. | [G]§ 115.415(1) § 115.415(3) ** See Periodic Monitoring Summary | None | None |
| A32CPSC07 | PRO | R5460-01 | VOC | 30 TAC Chapter 115, Subchapter E, Division 6 | [G]§ 115.461(e) §115.461(b) | A solvent cleaning operation is exempt from this division if the process or operation that the solvent cleaning operation is associated with is subject to another division in this chapter and the VOC emissions from the solvent cleaning operation are controlled in accordance with an emission specification or control requirement of the division that the process or operation is subject to. §115.461(c)(1)-(2) | None | § 115.468(b)(2) § 115.468(b)(3) § 115.468(b)(5) | None |
| A32CPTO50 | EP | R5121-01 | VOC | 30 TAC Chapter 115, Vent Gas Controls | § 115.122(a)(1) § 115.121(a)(1) § 115.122(a)(1)(A) | Vent gas streams affected by §115.121(a)(1) must be controlled properly with a control efficiency of at least 90% or to a volatile organic compound (VOC) concentration of no more than 20 parts per million (ppmv) (on a dry basis corrected to 3.0% oxygen for combustion devices). | [G]§ 115.125 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) ** See CAM Summary | § 115.126 § 115.126(1) § 115.126(1)(A) § 115.126(1)(A)(i) § 115.126(2) | None |
| A32DCST410 | EU | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | § 115.111(a)(1) | Except as provided in § 115.118, a storage tank storing VOC with a true vapor pressure less than | [G]§ 115.117 | § 115.118(a)(1) § 115.118(a)(5) § 115.118(a)(6)(A) § 115.118(a)(7) | None |

Commented [OP2]: Consistent with TCEQ's DSS Flowchart and the OP-REQ3, please update the noted citations.

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 |
|-------------------------------|-------------------------|--|---|
| A32CPST25 | N/A | 30 TAC Chapter 115, Storage of VOCs | Storage tank does not store VOCs. |
| A32CPST25 | N/A | 40 CFR Part 60, Subpart Kb | Constructed after July 23, 1984, design capacity greater than 39,900 gal and TVP less than 0.5 psia |
| A32CPST25 | N/A | 40 CFR Part 61, Subpart FF | Does not contain or store benzene waste |
| A32CPST25 | N/A | 40 CFR Part 61, Subpart Y | Does not store benzene |
| A32CPTO500 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Not a liquid fuel-fired steam generator, furnace, or heater. |
| A32CPTO500 | N/A | 30 TAC Chapter 112, Sulfur Compounds | Not a solid fuel-fired steam generator. |
| A32CPTO500 | N/A | 30 TAC Chapter 117, Subchapter B | Incinerator has capacity less than 40 MMBtu. |
| A32CPTO500 | N/A | 40 CFR Part 60, Subpart D | Maximum design heat input < 250 MMBtu/hr |
| A32CPTO500 | N/A | 40 CFR Part 60, Subpart Da | Not an electric utility steam generating unit |
| A32CPTO500 | N/A | 40 CFR Part 60, Subpart Db | Heat input capacity <100 MMBtu/hr |
| A32CPTO500 | N/A | 40 CFR Part 60, Subpart Dc | No construction, reconstruction, or modification after 6/9/89 |
| A32CPTO500 | N/A | 40 CFR Part 63, Subpart JJJJJ | The thermal oxidizer is a waste heat boiler and does not meet the definition of Boiler as defined in §63.11237. |
| A32DCCT510 | N/A | 30 TAC Chapter 115, HRVOC Cooling Towers | Cooling tower does not emit or have the potential to emit HRVOCs. |
| A32DCCT510 | N/A | 40 CFR Part 63, Subpart Q | Cooling tower is not operated with chromium-based water treatment chemicals. |
| A32DCFU430 | N/A | 30 TAC Chapter 115, HRVOC Fugitive Emissions | Fugitives do not emit or have the potential to emit HRVOCs. |

Commented [OP3]: Consistent with the OP-REQ2 in the permit renewal application, please add this line item.

**Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality**

| | |
|--|--|
| Date: 10/3/2024 | |
| Permit No.: O2206 | |
| Regulated Entity No.: RN110746757 | |
| Company Name: Corteva Agriscience LLC | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| I. Application Type | |
| Indicate the type of application: | |
| <input checked="" type="checkbox"/> Renewal | |
| <input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| <input type="checkbox"/> Significant Revision | |
| <input type="checkbox"/> Revision Requesting Prior Approval | |
| <input type="checkbox"/> Administrative Revision | |
| <input type="checkbox"/> Response to Reopening | |
| II. Qualification Statement | |
| For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO | |

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1 (continued)
Texas Commission on Environmental Quality

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:
(Check the appropriate box[es].)

☒ VOC ☒ NO_x ☐ SO₂ ☐ PM₁₀ ☐ CO ☐ Pb ☐ HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| 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 | N/A | OP-UAs | N/A | Corteva Agriscience LLC (Corteva) requests updates to unit sources whose UA forms have been updated since the last renewal. Additions have been bolded and italicized and deletions have been marked with a strikethrough. |
| 2 | ADMIN-E | NO | N/A | OP-PBRSUP | N/A | Please add Form OP-PBRSUP. |
| 3 | MS-A | NO | N/A | OP-REQ1 OP-SUMR | N/A | Corteva is requesting to update the Preconstruction Authorizations. Please see the attached OP-REQ1. Additions have been bolded and italicized and deletions have been marked with a strikethrough. |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|---|--|-----------------|-------------------|---|
| | | New Unit | ID No. | | Applicable Form | | |
| 4 | MS-C | NO | A32CPCF2A A32CPCF2B A32CPCLYN A32CPCT1 A32CPD750 A32CPD755 A32CPDL3 A32CPFUPIC A32CPH200 A32CPH44 A32CPK1A A32CPK1B A32CPK2A A32CPK2B A32CPLR06C A32CPOS10 A32CPOS5 | A32CPOS8 A32CPPUDIL A32CPRX200 A32CPST06C A32CPST06D A32CPST16E A32CPST28 A32CPST28C A32CPST42 A32CPST51 A32CPST54 A32CPT1 A32CPULCYN A32ST1B | OP-SUMR | N/A | These units have been demolished or shutdown. Please remove all references to these units from the entire Title V permit. |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|--------------------------|------------------|-------------------|---|
| | | New Unit | ID No. | Applicable Form | | |
| 5 | SIG-E | NO | A32DCFU430 | OP-REQ2 | NSR 98806 | Please remove the positive applicability for 40 CFR Part 63, Subpart H for this source. The site is now a minor source of HAPs and HON is no longer applicable. Negative applicability has been added to the OP-REQ2. |
| 6 | SIG-E | NO | A32DCST410 A32DCTL445 | OP-UA3 OP-UA4 | NSR 98806 | Please remove the positive applicability for 40 CFR Part 63, Subpart G for these sources. The site is now a minor source of HAPs and HON is no longer applicable. Negative applicability has been added to the OP-REQ2. |
| 7 | SIG-E | NO | PRODCP | OP-REQ2 | NSR 98806 | Please remove the positive applicability for 40 CFR Part 63, Subpart F for this source. The site is now a minor source of HAPs and HON is no longer applicable. Negative applicability has been added to the OP-REQ2. |
| 8 | SIG-E | NO | A32DCFU430 | OP-REQ2 | NSR 98806 | Please add negative applicability to 30 TAC Chapter 115, Subchapter H to this unit. This unit does not have the potential to emit HRVOC. Negative applicability has been added to the OP-REQ2. |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|-------------------------------------|------------------------------|-------------------|--|
| | | New Unit | ID No. | Applicable Form | | |
| 9 | SIG-E | YES | A32DCCT510 | OP-REQ2 | NSR 98806 | Please add this cooling tower to the permit and add negative applicability to 30 TAC Chapter 115, Subchapter H and 40 CFR Part 63, Subpart Q. Changes have been added to the OP-REQ2 and OP-SUMR forms. |
| 10 | SIG-E | YES | A32DCST20 | OP-REQ2 OP-UA3 | NSR 98806 | Please add this storage tank to the permit with negative applicability to 30 TAC Chapter 115, Storage of VOCs, 40 CFR Part 61, Subparts Kb, FF, and Y. Changes have been added to the OP-REQ2 and OP-SUMR forms. |
| 11 | MS-A | NO | A32CPTO500 A32TO560 PROA32DAS | OP-REQ1 OP-SUMR | N/A | Corteva is requesting to update the preconstruction Authorizations. Please see the attached form OP-SUMR. Additions have been bolded and italicized and deletions have been marked with a strikethrough. |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|--------------------------------------|-----------------|--|---|
| | | New Unit | ID No. | Applicable Form | | |
| 12 | MS-C | NO | A32CPTO500 A32TO560 A32DCTL445 | OP-SUMR | 106.261/11/01/2003 106.262/11/01/2003 106.472/09/04/2000 | Corteva submitted an OP-NOTIFY to TCEQ on 04/03/2024 (Project No. 36523) to authorize under PBRs 106.261, 106.262, and 106.472 the loading of a DCP tars waste stream into tank trucks. The recuperative thermal oxidizer and a thermal oxidizer (THROX/TOX) control emissions under EPNs: A32STHROX and A32TO560, respectively, and fugitive emissions are authorized under EPN: A32DCTL445. This authorization does not result in any changes to positive or negative regulatory applicability. This OP-NOTIFY is being included for completeness purposes only. |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|-------------------------------------|--------------------|--------------------|---|
| | | New Unit | ID No. | Applicable Form | | |
| 13 | MS-C | NO | A32CPST25 A32CPTO500 A32TO560 | OP-SUMR OP-REQ2 | 106.472/09/04/2000 | <p>Corteva submitted an OP-NOTIFY to TCEQ on 06/14/2021 (Project No. 32292) to authorize under PBR 106.472 the change of service and removal of control requirements (EPNs: A32STHROX and A32TO560) for the D-25 wastewater storage tank (EPN: A32CPST25).</p> <p>Corteva is requesting to update the preconstruction Authorization. Please see the attached form OP-SUMR. Please add this storage tank to the permit with negative applicability to 30 TAC Chapter 115, Storage of VOCs. Changes have been added to the OP-REQ2 and OP-SUMR forms. Additions have been bolded and italicized and deletions have been marked with a strikethrough.</p> <p>This OP- NOTIFY is being included for completeness purposes only.</p> |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | New Unit | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|------------|-----------------|--|--|
| | | | ID No. | Applicable Form | | |
| 14 | MS-C | NO | A32CPFUPIC | OP-SUMR | 106.261/11/01/2003 106.262/11/01/2003 | Corteva submitted an OP-NOTIFY to TCEQ on 10/21/2019 (Project No. 29654) to authorize under PBRs 106.261 and 106.262 the installation of fugitive components on R-4200 (EPN: A32FU4300). This unit has since been demolished. This authorization did not result in any changes to positive or negative regulatory applicability. This OP- NOTIFY is being included for completeness purposes only. |
| 15 | MS-C | NO | A32CPFUPIC | OP-SUMR | 106.262/11/01/2003 | Corteva submitted an OP-NOTIFY to TCEQ on 10/09/2019 (Project No. 29611) to authorize under PBR 106.262 the installation of fugitive components on R-4210 and R-4220 (EPN: A32FU4300). This unit has since been demolished. This authorization did not result in any changes to positive or negative regulatory applicability. This OP- NOTIFY is being included for completeness purposes only. |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|------------|-----------------|--------------------|---|
| | | New Unit | ID No. | Applicable Form | | |
| 16 | MS-C | NO | A32CPFUPIC | OP-SUMR | 106.262/11/01/2003 | Corteva submitted an OP-NOTIFY to TCEQ on 09/18/2019 (Project No. 29504) to authorize under PBR 106.262 the installation of fugitive components for turnaround activities (EPN: A32FU4300). This unit has since been demolished. This authorization did not result in any changes to positive or negative regulatory applicability. This OP- NOTIFY is being included for completeness purposes only. |
| 17 | SIG-E | NO | A32CPTO500 | OP-REQ2 | N/A | Please revise the negative applicability to 30 TAC Chapter 112 for this source. |
| 18 | SIG-E | NO | A32CPTO500 | OP-REQ2 | N/A | Please add negative applicability to 30 TAC Chapter 112 to this source. |
| 19 | SIG-E | NO | A32CPTO500 | OP-REQ2 | N/A | Please add negative applicability to 40 CFR Part 63, Subpart JJJJJ to this source. The thermal oxidizer is a waste heat boiler and does not meet the definition of a boiler. |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|------------|------------------------------|--------------------------------|--|
| | | New Unit | ID No. | Applicable Form | | |
| 20 | SIG-E | NO | PRODCP | OP-REQ2 | N/A | Please add negative applicability to 40 CFR Part 63, Subpart VVVVVV to this source. The CMPU (DCP Unit) does not meet the applicability definition in §63.11494(a)(2) because it does not use, process, or produce any of the HAPs listed in Table 1 to Subpart VVVVVV of Part 63. |
| 21 | MS-C | YES | A32DCLR410 | OP-SUMR OP-UA4 OP-REQ3 | 106.472/09/04/2000 [176951] | <i>Corteva submitted a PBR Registration package to TCEQ on 07/22/2024 (Project No. 376860/Registration No. 176951) to authorize under PBR 106.472 the unloading of phenol from railcars for Unit ID A32DCLR410. A32DCLR410 will be a new piece of equipment with positive applicability to 30 TAC Chapter 115, Subchapter C: Loading & Unloading of VOC.</i> |

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

| |
|---------------------------------------|
| Date: 10/3/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|--------------------------------------|-----------------|--|--|
| | | New Unit | ID No. | Applicable Form | | |
| 22 | MS-C | NO | A32CPTO500 A32TO560 A32DCFU430 | OP-SUMR | 106.261/11/01/2003 [176951] 106.262/11/01/2003 [176951] | Corteva submitted a PBR Registration package to TCEQ on 07/22/2024 (Project No. 376860/Registration No. 176951) to authorize under PBRs 106.261, 106.262, and 106.472 the unloading of phenol from railcars. The recuperative thermal oxidizer and a thermal oxidizer (THROX/TOX) control emissions under EPNs: A32STHROX and A32TO560, respectively, and fugitive emissions are authorized under EPN: A32DCFU430. This authorization does not result in any changes to positive or negative regulatory applicability. |
| 23 | MS-C | NO | A32DCFU430 | OP-SUMR | 106.262/11/01/2003 [177348] | Corteva submitted a PBR Registration package to TCEQ on 08/26/2024 (Project No. 378898/Registration No. 177348) to authorize, under PBR 106.262, the installation of a bleed valve on DF-500 Knockout Pot to improve clearing. The fugitive emissions are authorized under EPN: A32DCFU430. This authorization does not result in any changes to positive or negative regulatory applicability. |

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

| | |
|---|--|
| Date: 10/3/2024 | |
| Permit No.: O2206 | |
| Regulated Entity No.: RN110746757 | |
| Company Name: Corteva Agriscience LLC | |
| I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i> | |
| A. | Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| B. | Indicate the alternate language(s) in which public notice is required: Spanish |
| C. | Will, there be a change in air pollutant emissions as a result of the significant revision? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|---|---|
| D | 4 | A32CPCF2A | OP-UA15 | CENTRIFUGE 2A | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPCF2B | OP-UA15 | CENTRIFUGE 2B | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPCLYN | OP-UA4 OP-UA15 | CYANOPYRIDINE RAIL-CAR UNLOADING | | 770 | |
| D | 4 | A32CPCT1 | OP-UA1 OP-UA13 | CT-1 COOLING TOWER | | 770 106.371/09/04/2000 | |
| D | 4 | A32CPD750 | OP-REQ2 | D-750-61 VINYL CHLORIDE LIQUID DEMPSTER | | 770 | |
| D | 4 | A32CPD755 | OP-REQ2 | D-755-CC REACTOR | | 770 | |
| D | 4 | A32CPDL3 | OP-UA15 | D-3 CYANOPYRIDINE VAPORIZER DRUMS | | 770 | |
| D | 4 | A32CPFUPIC | OP-UA1 OP-UA12 OP-REQ2 | PICLORAM FUGITIVES | | 770 142400 106.124/09/04/2000 106.262/09/04/2000 106.472/09/04/2000 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------|---------------------|--|---|
| D | 4 | A32CPH200 | OP-REQ2 | NITROGEN HEATER | | 770 | |
| D | 4 | A32CPH44 | OP-UA1 OP-UA5 OP-REQ2 | DTU 44 PIC FURNACE | | 770 | |
| D | 4 | A32CPK1A | OP-REQ2 | K 1A AMINATION REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK1B | OP-REQ2 | K 1B AMINATION REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK2A | OP-REQ2 | K 2A HYDROLYSIS REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK2B | OP-REQ2 | K 2B HYDROLYSIS REACTOR | | 770 106.124/09/04/2000 106.264/09/04/2000 | |
| D | 4 | A32CPLR06C | OP-UA4 | LOADING RACK 106C-D | | 770 | |
| D | 4 | A32CPOS10 | OP-UA15 | SU 10 BUILDING SUMP | | 770 | |
| D | 4 | A32CPOS5 | OP-UA15 | SU 5 MAINT/WASH RACK SUMP | | 770 | |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|---|---------------------|--|---|
| D | 4 | A32CPOS8 | OP-UA15 | SU-8 CALGON SUMP | | 770 | |
| D | 4 | A32CPPUDIL | OP-UA1 OP-UA15 | DILUENT VENT PROCESS VESSEL | | 770 | |
| D | 4 | A32CPRX200 | OP-REQ2 | R-200 REACTOR | | 770 | |
| | | A32CPSC07 | OP-UA16 OP-UA57 | A-3207 DEGREASING | | 106.454/11/01/2001 | |
| D | 4 | A32CPST06C | OP-UA3 OP-UA4 OP-REQ2 | D-106C DILUENT RECOVERY TAR TANK | | 770 | |
| D | 4 | A32CPST06D | OP-UA3 OP-REQ2 | D-106D SPENT DILUENT RECOVERY TAR TANK | | 770 | |
| D | 4 | A32CPST16E | OP-UA3 | D-16E Tet PN TANK | | 106.472/09/04/2000 | |
| | 13 | A32CPST25 | OP-UA3 OP-REQ2 | D-25 WASTEWATER TANK | | 770 106.472/09/04/2000 | |
| D | 4 | A32CPST28 | OP-UA3 OP-REQ2 | D-28C CARBON BEDS SPENT TANK | | 770 | |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------------|---------------------|--|---|
| D | 4 | A32CPST28C | OP-UA3 OP-REQ2 | D-28B CARBON BEDS SPENT TANK | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPST42 | OP-UA3 OP-REQ2 | D-42 DOWTHERM A STORAGE TANK | | 770 | |
| D | 4 | A32CPST51 | OP-UA15 | D-51 KNOCK-OUT POT | | 770 | |
| D | 4 | A32CPST54 | OP-REQ2 | T-14 PURIFICATION TOWER | | 770 | |
| D | 4 | A32CPT1 | OP-REQ2 | T-1 QUENCH TOWER | | 770 | |
| | 11, 17, 18, 19, 22 | A32CPTO500 | OP-UA15 OP-REQ2 | FB-500 THROX | | 98806 106.472/09/04/2000[175948] 770 142400 151916 106.261/11/01/2003 106.261/11/01/2003[176951] 106.262/11/01/2003[176951] | |
| D | 4 | A32CPULCYN | OP-UA4 | CYANPYRIDINE TANK TRUCK UNLOADING | | 770 | |
| A | 9 | A32DCCT510 | OP-REQ2 | DCP COOLING TOWER | | 98806 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|--|---|
| | 5, 8, 22, 23 | A32DCFU430 | <i>OP-REQ2</i> <i>OP-UA12</i> | FUGITIVES FOR DCP PLANT | | 98806 151939 <i>106.262/11/01/2003[176951]</i> <i>106.262/11/01/2003[177348]</i> | |
| A | 10 | <i>A32DCST20</i> | <i>OP-REQ2</i> | <i>TTU - D-20 Perchloroethylene (Perc.) Tank</i> | | <i>98806</i> | |
| | 6 | A32DCST410 | OP-UA3 OP-REQ2 | D-4100 PHENOL STORAGE TANK | | 98806 | |
| | | A32DCST445 | OP-UA3 OP-REQ2 | D-4450 DCP TARS STORAGE TANK | | 98806 | |
| | | A32DCST48A | OP-UA3 OP-REQ2 | D-4800A PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCST48B | OP-UA3 OP-REQ2 | D-4800B PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCST48C | OP-UA3 OP-REQ2 | D-4800C PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCSU14 | OP-UA15 | DCP MAINTENANCE SUMP SU-14 | | 98806 | |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|-----------|------------|----------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|--|---|---------------------|--|---|
| | 6 | A32DCTL445 | OP-UA4 OP-REQ2 | DCP TAR LOADING FROM D-4450 | | 98806 | |
| D | 4 | A32ST1B | OP-UA3 | CYANOPYRIDINE STORAGE TANK | | 770 | |
| | 11, 22 | A32TO560 | OP-UA15 OP-REQ2 | TC-560 TOX INCINERATOR | | 98806 106.472/09/04/2000[175948] 770 142400 151916 106.261/11/01/2003 106.261/11/01/2003[176951] 106.262/11/01/2003[176951] | |
| | 11 | PROA32DAS | OP-UA57 | DOW AGROSCIENCES PROCESS UNITS | | 770 98806 106.263/11/01/2001 | |
| | 7, 20 | PRODCP | OP-REQ2 OP-UA60 | DCP PROCESS UNIT | | 98806 | |
| A | 21 | A32DCLR410 | OP-UA4 | PHENOL RAILCAR UNLOADING | | 106.472/09/04/2000[176951] | |

Loading/Unloading Operations Attributes
Form OP-UA4 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds
Texas Commission on Environmental Quality

| Date | Permit No.: | Regulated Entity No. |
|-----------|-------------|----------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit ID No. | SOP/GOP Index No. | Chapter 115 Facility Type | Alternate Control Requirement (ACR) | ACR ID No. | Product Transferred | Transfer Type | True Vapor Pressure | Daily Through-put | Control Options |
|-------------|-------------------|---------------------------|-------------------------------------|------------|---------------------|---------------|---------------------|-------------------|-----------------|
| A32DCTL445 | R5211-01 | OTHER | NONE | | VOC1 | LOAD | 0.5+ | 20K+ | CON |
| A32DCLR410 | R5211-01 | OTHER | NONE | | VOC1 | UNLOAD | 0.5- | | |
| | | | | | | | | | |
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Loading/Unloading Operations Attributes
Form OP-UA4 (Page 2)
Federal Operating Permit Program
Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds
Texas Commission on Environmental Quality

| Date | Permit No.: | Regulated Entity No. |
|-----------|-------------|----------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit ID No. | SOP Index No. | Chapter 115 Control Device Type | Chapter 115 Control Device ID No. | Vapor-Tight | Vapor Space Holding Tank | Marine Terminal Exemptions | VOC Flash Point | Uncontrolled VOC Emissions |
|-------------|---------------|---------------------------------------|---|-------------|-----------------------------|-------------------------------|-----------------|-------------------------------|
| A32DCTL445 | R5211-01 | DIRFLM | A32TO560 | NO | | | | |
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Cleaning/Depainting Operation Attributes
Form OP-UA57 (Page 7)
Federal Operating Permit Program

Table 2: Title 30 Texas Administrative Code Chapter 115 (30TAC Chapter 115)
Subchapter E: Industrial Cleaning Solvents

| | | |
|---|--------------------------|--|
| Date: 10/3/2024 | Permit No.: O2206 | Regulated Entity No.: RN110746757 |
| Area Name: Corteva Freeport Operations | | Customer Reference No.: CN601287600 |

| Process ID No. | SOP Index No. | Exemptions | Alternate Control Requirement | ACR ID No. | Compliance Demonstration | Minor Modification | Minor Modification ID No. | Vapor Recovery | Emission Control |
|----------------|---------------|------------|-------------------------------|------------|--------------------------|--------------------|---------------------------|----------------|------------------|
| A32CPSC07 | R5460-01 | 115REQ | | | | | | | |
| PROA32DAS | R5460-01 | NONE | NONE | | VOC | NO | | | |
| PROA32DAS | R5460-02 | NONE | NONE | | VAP | NO | | | |
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Texas Commission on Environmental Quality
Application Area-Wide Applicability Determinations and General Information
Form OP-REQ1
Federal Operating Permit Program

| | |
|-------------|-------------|
| Date: | 10/3/2024 |
| Permit No.: | O2206 |
| RN No.: | RN110746757 |

For SOP applications, answer ALL questions unless otherwise directed.

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

| | |
|---|---|
| Form OP-REQ1: Page 14 | |
| IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued) | |
| C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas | |
| ◆ 1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ 2. The application area is located at a site that was a major source of NO _x before November 15, 1992. | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| D. Adipic Acid Manufacturing | |
| 1. The application area is located at, or part of, an adipic acid production unit. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| E. Nitric Acid Manufacturing - Ozone Nonattainment Areas | |
| 1. The application area is located at, or part of, a nitric acid production unit. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines | |
| ◆ 1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

| | |
|-------------|-------------|
| Date: | 10/3/2024 |
| Permit No.: | O2206 |
| RN No.: | RN110746757 |

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.: 106.454 | Version No./Date: 11/01/2001 |
| PBR No.: 106.472 | Version No./Date: 09/04/2000 |
| PBR No.: 106.124 | Version No./Date: 09/04/2000 |
| PBR No.: 106.261 | Version No./Date: 03/14/1997 |
| PBR No.: 106.261 | Version No./Date: 12/24/1998 |
| PBR No.: 106.261 | Version No./Date: 09/04/2000 |
| PBR No.: 106.261 | Version No./Date: 11/01/2003 |
| PBR No.: 106.262 | Version No./Date: 03/14/1997 |
| PBR No.: 106.262 | Version No./Date: 09/04/2000 |
| PBR No.: 106.262 | Version No./Date: 11/01/2003 |
| PBR No.: 106.264 | Version No./Date: 09/04/2000 |
| PBR No.: 106.371 | Version No./Date: 09/04/2000 |
| PBR No.: 106.476 | Version No./Date: 09/04/2000 |
| PBR No.: 106.261 | Version No./Date: 11/01/2003 |
| PBR No.: 106.262 | Version No./Date: 11/01/2003 |
| PBR No.: 106.263 | Version No./Date: 11/01/2001 |
| ◆ 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: |

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

Table 1a: Additions

| | | |
|--|---|--------------------------|
| Date: 10/3/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | Area Name: Corteva Freeport Operations | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|--------------|---------------------------|------------------------------------|------------------|-----------|--|--|
| | A32CPSC07 | OP-UA16 | R5412-01 | VOC | 30 TAC Chapter 115, Degassing Processes | §115.412(1) §115.411(1) [G]§115.412(1)(A), (1)(C), (1)(D), (1)(E), [G](1)(F) |
| 1 | A32CPSC07 | OP-UA57 | R5460-01 | VOC | 30 TAC Chapter 115, Subchapter E, Division 6 | §115.461(b) §115.461(e) |
| | A32CPTO500 | OP-UA15 | R5121-01 | VOC | 30 TAC Chapter 115, Vent Gas Control | §115.122(a)(1) §115.121(a)(1) §115.122(a)(1)(A) |
| | A32DCST410 | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCST445 | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCST48A | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCST48B | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCST48C | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCSU14 | OP-UA15 | R5121-01 | VOC | 30 TAC Chapter 115, Vent Gas Control | §115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2) |

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

Table 1a: Additions

| | | |
|--|---|--------------------------|
| Date: 10/3/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | Area Name: Corteva Freeport Operations | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|--------------|---------------------------|------------------------------------|------------------|------------|---|--|
| | A32DCTL445 | OP-UA4 | R5211-01 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | §115.212(a)(1) §115.212(a)(1)(A), (a)(3)(A), (a)(3)(A)(ii), (a)(3)(B) [G]§115.212(a)(3)(C), (a)(3)(E) §115.214(a)(1)(B), (a)(1)(C) |
| <i>21</i> | <i>A32DCLR410</i> | <i>OP-UA4</i> | <i>R5211-01</i> | <i>VOC</i> | <i>30 TAC Chapter 115, Loading and Unloading of VOC</i> | <i>§115.217(a)(1), §115.214(a)(1)(B), §115.214(a)(1)(D), §115.214(a)(1)(D)(i)</i> |
| | A32TO560 | OP-UA15 | R5121-01 | VOC | 30 TAC Chapter 115, Vent Gas Control | §115.122(a)(1) §115.121(a)(1) §115.122(a)(1)(A) |
| | PROA32DAS | OP-UA57 | R5460-01 | VOC | 30 TAC Chapter 115, Subchapter E, Division 6 | § 115.463(a)(1) [G]§ 115.463(c) |
| | PROA32DAS | OP-UA57 | R5460-02 | VOC | 30 TAC Chapter 115, Subchapter E, Division 6 | § 115.463(a)(2) [G]§ 115.463(c) |

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

Table 1b: Additions

| | | |
|--|---|--------------------------|
| Date: 10/3/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | Area Name: Corteva Freeport Operations | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|-------------------|-----------|--|---|------------------------|
| | A32CPSC07 | R5412-01 | VOC | [G]§115.415(1), (3) | NONE | NONE |
| 1 | A32CPSC07 | R5460-01 | VOC | NONE | §115.468(b)(2), (b)(5) §115.468(b)(3) | NONE |
| | A32CPTO500 | R5121-01 | VOC | [G]§115.125 §115.126(1), (1)(A), (1)(A)(i) §115.126(2) | §115.126 §115.126(1), (1)(A), (1)(A)(i), (2) | NONE |
| | A32DCST410 | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(6)(A), (a)(7) | NONE |
| | A32DCST445 | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(7) | NONE |
| | A32DCST48A | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(6)(A), (a)(7) | NONE |
| | A32DCST48B | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(6)(A), (a)(7) | NONE |
| | A32DCST48C | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(6)(A), (a)(7) | NONE |
| | A32DCSU14 | R5121-01 | VOC | [G]§115.125 §115.126(2) | §115.126 §115.126(2) §115.126(4) | NONE |

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

Table 1b: Additions

| | | |
|--|---|--------------------------|
| Date: 10/3/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | Area Name: Corteva Freeport Operations | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|-------------------|------------|---|--|------------------------|
| | A32DCTL445 | R5211-01 | VOC | §115.212(a)(3)(B) §115.214(a)(1)(A), (a)(1)(A)(i)-(iii) §115.215, (1), [G](2), (4), (9), (10) §115.216(1), (1)(A), (1)(A)(i) | §115.216, (1), (1)(A), (1)(A)(i), (2), (3)(A), (3)(A)(i)-(iii), (3)(B) | NONE |
| 21 | A32DCLR410 | R5211-01 | VOC | §115.214(a)(1)(A), §115.214(a)(1)(A)(i), §115.215, (4) | §115.216, §115.216(2), §115.216(3)(B) | NONE |
| | A32TO560 | R5121-01 | VOC | [G]§115.125 §115.126(1), (1)(A), (1)(A)(i) §115.126(2) | §115.126 §115.126(1), (1)(A), (1)(A)(i) §115.126(2) | NONE |
| | PROA32DAS | R5460-01 | VOC | [G]§ 115.465(1) | § 115.468(b)(1) § 115.468(b)(5) | NONE |
| | PROA32DAS | R5460-02 | VOC | [G]§ 115.465(1) | § 115.468(b)(1) § 115.468(b)(5) | NONE |

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 |
|-----------|---------------|-------------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|-------------------|------------------|-------------------------|-------------------|
| A32CPTO500 | 175948 | 106.472 | 05/07/2024 |
| A32DCTL445 | 175948 | 106.472 | 05/07/2024 |
| A32TO560 | 175948 | 106.472 | 05/07/2024 |
| <i>A32DCLR410</i> | <i>176951</i> | <i>106.472</i> | <i>08/06/2024</i> |
| <i>A32DCFU430</i> | <i>176951</i> | <i>106.262</i> | <i>08/06/2024</i> |
| <i>A32CPTO500</i> | <i>176951</i> | <i>106.261, 106.262</i> | <i>08/06/2024</i> |
| <i>A32TO560</i> | <i>176951</i> | <i>106.261, 106.262</i> | <i>08/06/2024</i> |
| <i>A32DCFU430</i> | <i>177348</i> | <i>106.262</i> | <i>08/30/2024</i> |
| | | | |
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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 |
|-----------|---------------|-------------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit ID No. | PBR No. | Version No./Date |
|-------------------------|-----------------------|--------------------------|
| A32CPSC07 | 106.454 | 11/01/2001 |
| A32CPST25 | 106.472 | 09/04/2000 |
| <i>PROA32DAS</i> | <i>106.263</i> | <i>11/01/2001</i> |
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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 |
|-----------|---------------|-------------------------|
| 10/3/2024 | O2206 | RN110746757 |

| PBR No. | Version No./Date |
|---------|------------------|
| n/a | n/a |
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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 |
|-----------|---------------|-------------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|-------------------|-------------------------|--------------------------------------|--|
| A32CPSC07 | 106.454 | 11/01/2001 | Maintain monthly records of gross solvent usage, solvent disposal, total solvent makeup; Store all waste solvent in covered containers until emptying for waste disposal; Collect all porous / absorbent materials for degreasing, ensure that all porous / absorbent materials are kept from degreasing; Inspect the equipment monthly, shutdown the degreaser if leakage occurs, and repair all leaks immediately; Inspect the proper operating procedures label on or near the degreaser monthly. |
| A32CPST25 | 106.472 | 09/04/2000 | Maintain loading records including material names, material SDS, and records of visible emission observations. |
| A32CPTO500 | 106.472 | 175948 | Maintain records of visible emission observations. |
| A32DCTL445 | 106.472 | 175948 | Maintain loading records including material names, material SDS, and records of visible emission observations. |
| A32TO560 | 106.472 | 175948 | Maintain records of visible emission observations. |
| A32DCLR410 | 106.472 | 176951 | Maintain loading records including material names, material SDS, and records of visible emission observations. |
| A32DCFU430 | 106.262 | 176951 | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024) |
| A32CPTO500 | 106.261, 106.262 | 176951 | New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024) |

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 |
|-----------|---------------|-------------------------|
| 10/3/2024 | O2206 | RN110746757 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|-------------------|-------------------------|--------------------------------------|--|
| <i>A32TO560</i> | <i>106.261, 106.262</i> | <i>176951</i> | <i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024)</i> |
| <i>A32DCFU430</i> | <i>106.262</i> | <i>177348</i> | <i>New piping components are managed in accordance with the current Leak Detection and Repair (LDAR) fugitive monitoring program as required by NSR 98806 (permit issue date 02/13/2024)</i> |
| <i>PROA32DAS</i> | <i>106.263</i> | <i>11/01/2001</i> | <i>Maintain records of the testing data, the material safety data sheet, or documentation of the standard reference texts used to determine the true vapor pressure of each VOC component, in accordance with the requirements in §115.465(1), the concentration of all VOC used to prepare the cleaning solution and, if diluted prior to use, the proportions that each of these materials is used must be recorded, and must be sufficient to demonstrate continuous compliance with the VOC limits in §115.463(a) and (e).</i> |

From: Rafati, Sharareh <sharareh.rafati@corteva.com>
Sent: Wednesday, October 2, 2024 12:25 PM
To: Tusar Swami
Cc: Phillips, John
Subject: RE: Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/4
Attachments: Coverletter_1-2-24.docx; Revised Application Forms_v2.pdf; WDP_O2206_P36861_Corteva Review_v2.docx

Hi Tusar,

Please see the attached responses per your request in your email below sent on 9/23/24. I will send you the OP-CRO1 signed by John Phillips next week.

If you have any questions, please let me know.

Thank you,

Sharareh “Shirly” Rafati
Environmental Specialist, Freeport, TX
Sharareh.rafati@corteva.com (Cell: 979-292-6711)



From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Monday, September 23, 2024 9:06 AM
To: Rafati, Sharareh <sharareh.rafati@corteva.com>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: [EXTERNAL] Working Draft Permit -- FOP O2206/Project 36861, Corteva Agrisciences LLC/Corteva Freeport Operations - Respond by 10/4

Shirely:

Good Morning. I have conducted a technical review of *renewal* application for Corteva Agrisciences LLC/Corteva Freeport Operations. An electronic copy of the Working Draft Permit (WDP) is attached for your review. This WDP contains the TCEQ determination of applicable requirements based on the information submitted in your application dated July 11, 2024. Please note that this is an expediated project.

Please review the WDP and submit to me any comments you have on the working draft permit by **October 4th, 2024.**

Following issues came up during review.

- (1) OP-PBR SUP – Noted that PBR Registration Numbers 177348 (issued 8/30/2024, 106.262), 176951 (issued 8/6/2024, 106.261, 106.262, 106.472) are missing. So please update all 4 tables with new date.
- (2) You need to update OP-REQ1 (page 88) and OP-SUMR as needed. Information on OP-PBR SUP, OP-REQ1 and OP-SUMR all need to be consistent

Please submit a written response by this deadline, even if you are not making any comments on the content of the WDP.

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

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

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

Please notify me when these updates have been submitted.

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

Contact me if you have any questions regarding the guidelines, the project schedule, or any other details regarding your application or permit. An acknowledgement to this email will be very much appreciated. Thank you for your cooperation.

Sincerely,

Tusar Swami, P.E.

**Texas Commission on Environmental Quality
OA/APD/Operating Permits Section**

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



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

From: Tusar Swami
Sent: Wednesday, August 7, 2024 9:42 AM
To: Rafati, Sharareh
Cc: Phillips, John
Subject: RE: Technical Review -- FOP O2206/Project 36861

Sharareh:

Good Morning. It just for the information that the project has been assigned to me.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



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

From: Rafati, Sharareh <sharareh.rafati@corteva.com>
Sent: Tuesday, August 6, 2024 3:53 PM
To: Tusar Swami <tusar.swami@tceq.texas.gov>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: RE: Technical Review -- FOP O2206/Project 36861, Corteva Agriscience/Corteva Freeport Operations

Hello Tusar,

Thank you for your email. Our current Title V permit was issued by you so both of us have been through this process together. We requested expedited review for this project and I will respond to your requests in an expedited fashion. You can always contact me by cell phone at the number below.

I didn't see a request for a response in your email. Did you need anything submitted in response to your email today or was it just for the information that the project has been assigned to you?

Sharareh "Shirly" Rafati
Environmental Specialist, Freeport, TX
Sharareh.rafati@corteva.com (Cell: 979-292-6711)



From: Tusar Swami <tusar.swami@tceq.texas.gov>
Sent: Tuesday, August 6, 2024 3:40 PM
To: Rafati, Sharareh <sharareh.rafati@corteva.com>
Cc: Phillips, John <john.phillips-1@corteva.com>
Subject: [EXTERNAL] Technical Review -- FOP O2206/Project 36861, Corteva Agriscience/Corteva Freeport Operations

Sharareh:

Good Afternoon. I have been assigned to the Federal Operating Permit (FOP) renewal application of Permit No. O 2206, Corteva Agriscience/Corteva Freeport Operations. This application has been assigned Project No. 36861. Please address all correspondence pertaining to this permit application, including any updates, to me at the address below, and use both the Permit and Project reference numbers above to facilitate tracking.

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

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

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

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

Please notify me when these updates have been submitted.

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

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

Thank you for your cooperation.

Sincerely,

Tusar Swami, P.E.

Texas Commission on Environmental Quality

OA/APD/Operating Permits Section

12100 Park 35 Circle, Bldg. C, Austin, TX 78753

Mail: MC-163, P. O. Box 13087, Austin, TX 78711-3087

Phone: 512/239-1581 Fax: 512/239-1400

Email: tusar.swami@tceq.texas.gov



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

Regards,

Tusar Swami, P.E. (x1581)

Permit Reviewer – Title V



July 11, 2024

Electronically Submitted: STEERS

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

Corteva Agriscience LLC (CN601287600)
Corteva Freeport Operations (RN110746757)
Dichlorophenol (DCP) Manufacturing Facility
Site Operating Permit O2206 Renewal

To the Air Permits Initial Review Team:

Purpose

In accordance with the provisions of 30 TAC Chapter 122, Subchapter C, §122.241 and §122.243, Corteva Agriscience LLC is submitting the enclosed renewal permit application for the Title V Permit O2206.

Attachments

The following forms are included in this submittal as part of the permit application:

- Form OP-CRO1
- Form OP-1
- Form OP-2
- Form OP-SUMR
- Form OP-UAs
- Form OP-REQ1
- Form OP-REQ2
- Form OP-REQ3
- Form OP-MON
- Form OP-PBRSUP
- Form OP-ACPS

Future Contact

For future correspondence, please contact:

John Phillips (515) 535-1401

Email john.phillips-1@corteva.com

And/Or

Sharareh Rafati (979) 292-6711

Email Sharareh.Rafati@corteva.com

Sincerely,

John D. Phillips, III

John Phillips
Freeport Site Leader
Corteva Agriscience LLC

| | | |
|--------|-------------------------------------|--|
| XC: | Region VI Administrator (6PD-R) | EPA Region VI; 1445 Ross Avenue, Suite 1200; Dallas, TX 75202-2733 Email: R6AirPermitsTX@epa.gov |
| | Air Section Manager | Air Section, TCEQ, OCE/FO Region XII, 5425 Polk Street, Suite H, Houston, TX 77023-1452 |
| | Director of Environmental Health | Environmental Health, Brazoria County Health Department, 111 East Locust, A-29 Suite 107, Angleton, TX 77515-4642 |
| Email: | Sharareh Rafati | Sharareh.Rafati@corteva.com |



Corteva Agriscience LLC (CN601287600)
Corteva Freeport Operations (RN110746757)
Dichlorophenol (DCP) Manufacturing Facility
Site Operating Permit O2206 Renewal Application
July 2024

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PBR SUPPLEMENTAL TABLE..... 9

Application Overview

| | |
|-----------------------------|---|
| Facility Description | Corteva Agriscience LLC (Corteva) operates the Dichlorophenol (DCP) Manufacturing facility within the Dow Facility Complex at their site in Freeport, Texas. This project is being submitted to renew their Title V Permit O2206, which authorizes these facilities. |
| Project Description | <p>With this renewal application, Corteva is requesting following updates:</p> <ul style="list-style-type: none">• Remove equipment and references of NSR 770 and other air permit registrations that have been either voided or incorporated into NSR 98806 since the last Title V permit renewal.• Add and/or update equipment and references of NSR 98806 since the last Title V permit renewal.• Add and/or update any off-permit notifications since the last Title V permit action.• Remove positive applicability for equipment related to 40 CFR 63 because the Corteva site is no longer a major source for HAPs. Add negative applicability to the permit shield for equipment related to 40 CFR 63 because the Corteva is now a minor source for HAPs. |
| Area Map | The Area Map for the DCP facility indicates a 3,000-foot radius from the property boundary. There are no schools located within 3,000 feet of these facilities. |
| Process Description | <p>DCP is produced by chlorinating phenol. The DCP product is loaded into rail cars for shipment. The waste product is sent offsite by truck for incineration at a facility authorized to process this type of waste. Vapor balancing is utilized for loading operations to minimize emissions. Loading hoses are cleared back to the originating tanks.</p> <p>Excess HCl gas produced in the reactors is processed to remove the by-product, hydrogen chloride from the system. The HCl gas is sold internally via pipeline or neutralized in a scrubber. The remaining HCl gas is recycled back into the system. Scrubber wastewater is sent to the Dow Chemical Operations Plant B wastewater treatment plant. Process and tank vents will be sent to the A-3200 block's TOX or THROX incinerators which are equipped with tail-gas scrubbers. Phenol is supplied to the facility via pipeline and railcars from Dow facilities. Chlorine is supplied to the facility by an onsite pipeline. Sulfur dioxide is delivered to the plant in tank trucks. Maintenance emissions from clearing equipment will be sent to either the scrubber or vent incinerators.</p> <p>The unit has three mechanical refrigeration units (MRUs) used for process cooling. Two different Dowtherm™ heat transfer fluids (Dowtherm J and Q) are utilized to transport the cooling capacity to the</p> |

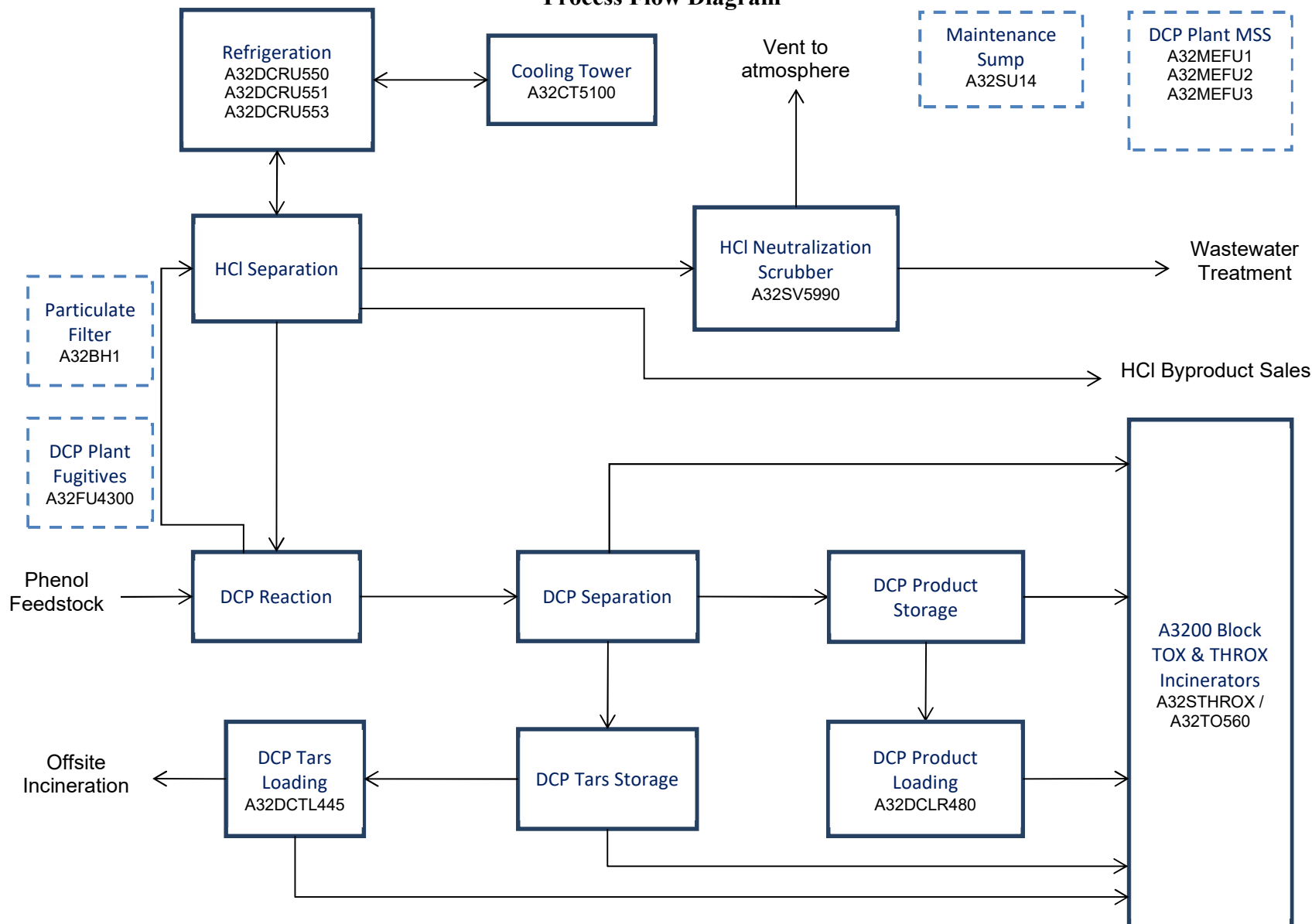
Process Flow Diagram

process. Steam heated Dowtherm systems are utilized for process heating as required. A cooling tower is utilized mostly to provide cooling to the refrigeration units, the HCl compressor, and the water condensate system.

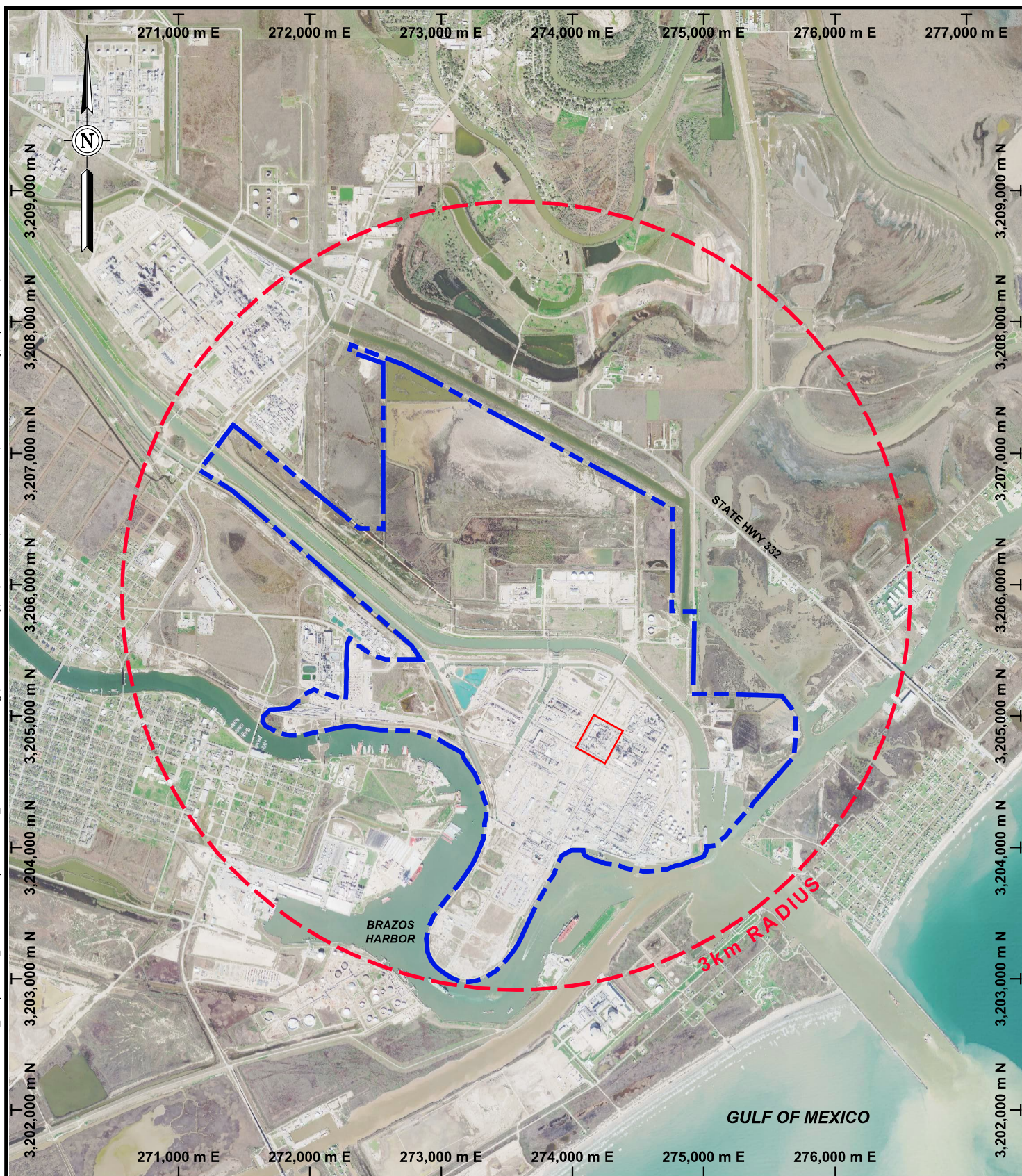
TM Dowtherm heat transfer fluids are a Registered Trademark of The Dow Chemical Company.

The following page shows a process flow diagram for the DCP facility.

Process Flow Diagram



FILE: O:\Projects\AirMod\Air.modeling\data\07\Deliverables\Drawn\BlueCube_Freeport\2017_Plant A\Area Map - Blue Cube_Map - Plant A - UTM83-15.dwg ; SAVED: Tuesday, September 05, 2017 4:23:02 PM ; PLOTTED: Tuesday, September 05, 2017 4:23:27 PM



LEGEND:

--- DOW CHEMICAL PLANT A COMPLEX PROPERTY BOUNDARY

--- CORTEVA FREEPORT OPERATIONS BOUNDARY

400 0 400 800 1200

SCALE IN METERS

(1 cm = 400 m)

COORDINATE SYSTEM: UTM WITH NAD83 DATUM, ZONE 15;
METERS. AERIAL FROM TNRS, DATED AS FEBRUARY 10, 2015

AECOM

19219 KATY FREEWAY, SUITE 100
HOUSTON, TEXAS 77094
PH: (281) 646-2400
FAX: (281) 646-2401

Scale:
AS
NOTED

Drawn by:
NAB
Chk'd by:
SC

Date:
9-5-2017
Date:
9-5-2017

Title:

AREA MAP

Project:
**DICHLOROPHENOL MANUFACTURING PLANT
PLANT A COMPLEX
FREEPORT, BRAZORIA COUNTY, TEXAS**

Client:
CORTEVA AGRISCIENCE LLC

Project No.:
60390283

File Name:

Figure No. :

General Administrative Forms

Introduction

The following administrative forms are being submitted electronically via STEERS:

- Form OP-1
 - Form OP-2
 - Form OP-CRO1
 - Form OP-SUMR
-

**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: Corteva Agriscience LLC | |
| B. Customer Reference Number (CN): CN601287600 | |
| C. Submittal Date (mm/dd/yyyy): 07/11/2024 | |
| II. Site Information | |
| A. Site Name: Corteva Freeport Operations | |
| B. Regulated Entity Reference Number (RN): RN110746757 | |
| C. Indicate affected state(s) required to review permit application: <i>(Check the appropriate box[es].)</i> | |
| <input type="checkbox"/> AR <input type="checkbox"/> CO <input type="checkbox"/> KS <input type="checkbox"/> LA <input type="checkbox"/> NM <input type="checkbox"/> OK <input checked="" type="checkbox"/> N/A | |
| D. Indicate all pollutants for which the site is a major source based on the site's potential to emit: <i>(Check the appropriate box[es].)</i> | |
| <input checked="" type="checkbox"/> VOC <input checked="" type="checkbox"/> NO _x <input type="checkbox"/> SO ₂ <input type="checkbox"/> PM ₁₀ <input type="checkbox"/> CO <input type="checkbox"/> Pb <input type="checkbox"/> HAPS | |
| Other: | |
| E. Is the site a non-major source subject to the Federal Operating Permit Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| F. Is the site within a local program area jurisdiction? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| G. Will emissions averaging be used to comply with any Subpart of 40 CFR Part 63? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | |
| H. Indicate the 40 CFR Part 63 Subpart(s) that will use emissions averaging: | |
| III. Permit Type | |
| A. Type of Permit Requested: <i>(Select only one response)</i> | |
| <input checked="" type="checkbox"/> Site Operating Permit (SOP) <input type="checkbox"/> Temporary Operating Permit (TOP) <input type="checkbox"/> General Operating Permit (GOP) | |

**Federal Operating Permit 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: John Phillips | |
| RO Title: Freeport Site Leader | |
| Employer Name: Corteva Agriscience LLC | |
| Mailing Address: 2301 North Brazosport Blvd. | |
| City: Freeport | |
| State: Texas | |
| ZIP Code: 77541 | |
| Territory: | |
| Country: United States | |
| Foreign Postal Code: | |
| Internal Mail Code: A-3210 | |
| Telephone No.: 515-535-1401 | |
| Fax No.: | |
| Email: john.phillips-1@corteva.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 type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.) |
| Technical Contact Full Name: Sharareh Rafati |
| Technical Contact Title: Environmental Specialist |
| Employer Name: Corteva Agriscience LLC |
| Mailing Address: 2301 North Brazosport Blvd. |
| City: Freeport |
| State: Texas |
| ZIP Code: 77541 |
| Territory: |
| Country: United States |
| Foreign Postal Code: |
| Internal Mail Code: A-3210 |
| Telephone No.: 979-292-6711 |
| Fax No.: |
| Email: sharareh.rafati@corteva.com |
| VIII. Reference Only Requirements <i>(For reference only.)</i> |
| A. State Senator: Joan Huffman |
| B. State Representative: Cody Vasut |
| 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: Corteva Freeport Operations |
| B. Physical Address: 2301 North Brazosport Blvd. |
| City: Freeport |
| State: Texas |
| ZIP Code: 77541 |
| C. Physical Location: |
| Directions to the facility: 565 Midway Rd., Bldg. A3210, Freeport, TX 77541 |
| |
| |
| D. Nearest City: Freeport |
| E. State: Texas |
| F. ZIP Code: 77541 |

**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): 028:57:05 |
| H. Longitude (nearest second): 95:19:01 |
| 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: 14 |
| K. Are there any emission units in the application area subject to the Acid Rain Program? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| XI. Public Notice (Complete this section for SOP Applications and Acid Rain Permit Applications only.) |
| A. Name of a public place to view application and draft permit: Freeport Library |
| B. Physical Address: 410 North Brazosport Blvd. |
| City: Freeport |
| ZIP Code: 77541 |
| 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 checked="" type="checkbox"/> Ms. <input type="checkbox"/> Dr.): |
| Contact Person Full Name: Sharareh Rafati |
| Contact Mailing Address: 2301 North Brazosport Blvd. |
| City: Freeport |
| State: Texas |
| ZIP Code: 77541 |
| Territory: |
| Country: United States |
| Foreign Postal Code: |
| Internal Mail Code: A-3210 |
| Telephone No.: 979-292-6711 |

**Federal Operating Permit Program
Site Information Summary
Form OP-1 (Page 6)
Texas Commission on Environmental Quality**

XII. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of Attorney General on behalf of the TCEQ are paid in accordance with the "Delinquent Fee and Penalty Protocol."

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIII. Designated Representative (DR) Identifying Information

DR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

DR Full Name:

DR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

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

Complete Sections XIII and XIV for Acid Rain Permit and CSAPR applications only. Please include a copy of the Certificate of Representation submitted to EPA.

XIV. Alternate Designated Representative (ADR) Identifying Information

ADR Name Prefix: (☐ Mr. ☐ Mrs. ☐ Ms. ☐ Dr.)

ADR Full Name:

ADR Title:

Employer Name:

Mailing Address:

City:

State:

ZIP Code:

Territory:

Country:

Foreign Postal Code:

Internal Mail Code:

Telephone No.:

Fax No.:

Email:

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1
Texas Commission on Environmental Quality

| | |
|--|--|
| Date: 07/11/2024 | |
| Permit No.: O2206 | |
| Regulated Entity No.: RN110746757 | |
| Company Name: Corteva Agriscience LLC | |
| For Submissions to EPA | |
| Has an electronic copy of this application been submitted (or is being submitted) to EPA? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| I. Application Type | |
| Indicate the type of application: | |
| <input checked="" type="checkbox"/> Renewal | |
| <input type="checkbox"/> Streamlined Revision (Must include provisional terms and conditions as explained in the instructions.) | |
| <input type="checkbox"/> Significant Revision | |
| <input type="checkbox"/> Revision Requesting Prior Approval | |
| <input type="checkbox"/> Administrative Revision | |
| <input type="checkbox"/> Response to Reopening | |
| II. Qualification Statement | |
| For SOP Revisions Only <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | |
| For GOP Revisions Only <input type="checkbox"/> YES <input type="checkbox"/> NO | |

Federal Operating Permit Program
Application for Permit Revision/Renewal
Form OP-2-Table 1 (continued)
Texas Commission on Environmental Quality

III. Major Source Pollutants (Complete this section if the permit revision is due to a change at the site or change in regulations.)

Indicate all pollutants for which the site is a major source based on the site's potential to emit:
(Check the appropriate box[es].)

☒ VOC ☒ NO_x ☐ SO₂ ☐ PM₁₀ ☐ CO ☐ Pb ☐ HAP

Other:

IV. Reference Only Requirements (For reference only)

Has the applicant paid emissions fees for the most recent agency fiscal year (September 1 - August 31)? ☒ YES ☐ NO ☐ N/A

V. Delinquent Fees and Penalties

Notice: This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and penalty protocol.

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| 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 | N/A | OP-UAs | N/A | Corteva Agriscience LLC (Corteva) requests updates to unit sources whose UA forms have been updated since the last renewal. Additions have been bolded and italicized and deletions have been marked with a strikethrough. |
| 2 | ADMIN-E | NO | N/A | OP-PBR SUP | N/A | Please add Form OP-PBR SUP. |
| 3 | MS-A | NO | N/A | OP-REQ1 OP-SUMR | N/A | Corteva is requesting to update the Preconstruction Authorizations. Please see the attached OP-REQ1. Additions have been bolded and italicized and deletions have been marked with a strikethrough. |

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|---|---|-----------------|-------------------|---|
| | | New Unit | ID No. | | Applicable Form | | |
| 4 | MS-C | NO | A32CPCF2A A32CPCF2B A32CPCLYN A32CPCT1 A32CPD750 A32CPD755 A32CPDL3 A32CPFUPIC A32CPH200 A32CPH44 A32CPK1A A32CPK1B A32CPK2A A32CPK2B A32CPLR06C A32CPOS10 A32CPOS5 | A32CPOS8 A32CPPUDIL A32CPRX200 A32CPST06C A32CPST06D A32CPST16E A32CPST28 A32CPST28C A32CPST42 A32CPST51 A32CPST54 A32CPT1 A32CPULCYN A32ST1B PROA32DAS | OP-SUMR | N/A | These units have been demolished or shutdown. Please remove all references to these units from the entire Title V permit. |

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|--------------------------|------------------|-------------------|---|
| | | New Unit | ID No. | Applicable Form | | |
| 5 | SIG-E | NO | A32DCFU430 | OP-REQ2 | NSR 98806 | Please remove the positive applicability for 40 CFR Part 63, Subpart H for this source. The site is now a minor source of HAPs and HON is no longer applicable. Negative applicability has been added to the OP-REQ2. |
| 6 | SIG-E | NO | A32DCST410 A32DCTL445 | OP-UA3 OP-UA4 | NSR 98806 | Please remove the positive applicability for 40 CFR Part 63, Subpart G for these sources. The site is now a minor source of HAPs and HON is no longer applicable. Negative applicability has been added to the OP-REQ2. |
| 7 | SIG-E | NO | PRODCP | OP-REQ2 | NSR 98806 | Please remove the positive applicability for 40 CFR Part 63, Subpart F for this source. The site is now a minor source of HAPs and HON is no longer applicable. Negative applicability has been added to the OP-REQ2. |

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|------------|------------------------------|-------------------|--|
| | | New Unit | ID No. | Applicable Form | | |
| 8 | SIG-E | NO | A32DCFU430 | OP-REQ2 | NSR 98806 | Please add negative applicability to 30 TAC Chapter 115, Subchapter H to this unit. This unit does not have the potential to emit HRVOC. Negative applicability has been added to the OP-REQ2. |
| 9 | SIG-E | YES | A32DCCT510 | OP-REQ2 | NSR 98806 | Please add this cooling tower to the permit and add negative applicability to 30 TAC Chapter 115, Subchapter H and 40 CFR Part 63, Subpart Q. Changes have been added to the OP-REQ2 and OP-SUMR forms. |
| 10 | SIG-E | YES | A32DCST20 | OP-REQ2 OP-UA3 | NSR 98806 | Please add this storage tank to the permit with negative applicability to 30 TAC Chapter 115, Storage of VOCs, 40 CFR Part 61, Subparts Kb, FF, and Y. Changes have been added to the OP-REQ2 and OP-SUMR forms. |

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|--------------------------------------|--------------------|--|--|
| | | New Unit | ID No. | Applicable Form | | |
| 11 | MS-A | NO | A32CPTO500 A32TO560 | OP-REQ1 OP-SUMR | N/A | Corteva is requesting to update the preconstruction Authorizations. Please see the attached form OP-SUMR. Additions have been bolded and italicized and deletions have been marked with a strikethrough. |
| 12 | MS-C | NO | A32CPTO500 A32TO560 A32DCTL445 | OP-SUMR | 106.261/11/01/2003 106.262/11/01/2003 106.472/09/04/2000 | Corteva submitted an OP-NOTIFY to TCEQ on 04/03/2024 (Project No. 36523) to authorize under PBRs 106.261, 106.262, and 106.472 the loading of a DCP tars waste stream into tank trucks. The recuperative thermal oxidizer and a thermal oxidizer (THROX/TOX) control emissions under EPNs: A32STHROX and A32TO560, respectively, and fugitive emissions are authorized under EPN: A32DCTL445. This authorization does not result in any changes to positive or negative regulatory applicability. This OP- NOTIFY is being included for completeness purposes only. |

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|-------------------------------------|--------------------|--------------------|--|
| | | New Unit | ID No. | Applicable Form | | |
| 13 | MS-C | NO | A32CPST25 A32CPTO500 A32TO560 | OP-SUMR OP-REQ2 | 106.472/09/04/2000 | <p>Corteva submitted an OP-NOTIFY to TCEQ on 06/14/2021 (Project No. 32292) to authorize under PBR 106.472 the change of service and removal of control requirements (EPNs: A32STHROX and A32TO560) for the D-25 wastewater storage tank (EPN: A32CPST25).</p> <p>Corteva is requesting to update the preconstruction Authorization. Please see the attached form OP-SUMR.</p> <p>Please add this storage tank to the permit with negative applicability to 30 TAC Chapter 115, Storage of VOCs. Changes have been added to the OP-REQ2 and OP-SUMR forms. Additions have been bolded and italicized and deletions have been marked with a strikethrough.</p> <p>This OP- NOTIFY is being included for completeness purposes only.</p> |

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | New Unit | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|------------|-----------------|--|---|
| | | | ID No. | Applicable Form | | |
| 14 | MS-C | NO | A32CPFUPIC | OP-SUMR | 106.261/11/01/2003 106.262/11/01/2003 | Corteva submitted an OP-NOTIFY to TCEQ on 10/21/2019 (Project No. 29654) to authorize under PBRs 106.261 and 106.262 the installation of fugitive components on R-4200 (EPN: A32FU4300). This unit has since been demolished. This authorization did not result in any changes to positive or negative regulatory applicability. This OP- NOTIFY is being included for completeness purposes only. |
| 15 | MS-C | NO | A32CPFUPIC | OP-SUMR | 106.262/11/01/2003 | Corteva submitted an OP-NOTIFY to TCEQ on 10/09/2019 (Project No. 29611) to authorize under PBR 106.262 the installation of fugitive components on R-4210 and R-4220 (EPN: A32FU4300). This unit has since been demolished. This authorization did not result in any changes to positive or negative regulatory applicability. This OP- NOTIFY is being included for completeness purposes only. |

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | Unit/Group | | Process | | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|------------|------------|-----------------|--------------------|-------------------|---|
| | | New Unit | ID No. | Applicable Form | | | |
| 16 | MS-C | NO | A32CPFUPIC | OP-SUMR | 106.262/11/01/2003 | | Corteva submitted an OP-NOTIFY to TCEQ on 09/18/2019 (Project No. 29504) to authorize under PBR 106.262 the installation of fugitive components for turnaround activities (EPN: A32FU4300). This unit has since been demolished. This authorization did not result in any changes to positive or negative regulatory applicability. This OP- NOTIFY is being included for completeness purposes only. |
| 17 | SIG-E | NO | A32CPTO500 | OP-REQ2 | N/A | | Please revise the negative applicability to 30 TAC Chapter 112 for this source. |
| 18 | SIG-E | NO | A32CPTO500 | OP-REQ2 | N/A | | Please add negative applicability to 30 TAC Chapter 112 to this source. |
| 19 | SIG-E | NO | A32CPTO500 | OP-REQ2 | N/A | | Please add negative applicability to 40 CFR Part 63, Subpart JJJJJJ to this source. The thermal oxidizer is a waste heat boiler and does not meet the definition of a boiler. |

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

| |
|---------------------------------------|
| Date: 07/11/2024 |
| Permit No.: O2206 |
| Regulated Entity No.: RN110746757 |
| Company Name: Corteva Agriscience LLC |

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

| Revision No. | Revision Code | | Unit/Group | Process | NSR Authorization | Description of Change and Provisional Terms and Conditions |
|--------------|---------------|----------|------------|-----------------|-------------------|--|
| | | New Unit | ID No. | Applicable Form | | |
| 20 | SIG-E | NO | PRODCP | OP-REQ2 | N/A | Please add negative applicability to 40 CFR Part 63, Subpart VVVVVV to this source. The CMPU (DCP Unit) does not meet the applicability definition in §63.11494(a)(2) because it does not use, process, or produce any of the HAPs listed in Table 1 to Subpart VVVVVV of Part 63. |

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

| | |
|---|--|
| Date: 07/11/2024 | |
| Permit No.: O2206 | |
| Regulated Entity No.: RN110746757 | |
| Company Name: Corteva Agriscience LLC | |
| I. Significant Revision <i>(Complete this section if you are submitting a significant revision application or a renewal application that includes a significant revision.)</i> | |
| A. | Is the site subject to bilingual requirements pursuant to 30 TAC § 122.322? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| B. | Indicate the alternate language(s) in which public notice is required: Spanish |
| C. | Will, there be a change in air pollutant emissions as a result of the significant revision? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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: RN110746757 | CN: CN601287600 | Account No.: BL-A060-H |
| Permit No.: O2206 | Project No.: TBA | |
| Area Name: Corteva Freeport Operations | Company Name: Corteva Agriscience LLC | |
| 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 type="checkbox"/> Update to Permit Application | |
| <input type="checkbox"/> GOP Initial Permit Application | <input checked="" type="checkbox"/> Permit Revision, Renewal, or Reopening | |
| <input type="checkbox"/> Other: _____ | | |
| IV. Certification of Truth | | |
| <p>This certification does not extend to information which is designated by the TCEQ as information for reference only.</p> <p>I, <u>John Phillips</u> certify that I am the <u>DAR</u> <i>(Certifier Name printed or typed)</i> <i>(RO or DAR)</i></p> <p>and that, based on information and belief formed after reasonable inquiry, the statements and information dated during the time period or on the specific date(s) below, are true, accurate, and complete:</p> <p><i>Note: Enter Either a Time Period OR Specific Date(s) for each certification. This section must be completed. The certification is not valid without documentation date(s).</i></p> <p>Time Period: From _____ to _____ <i>Start Date</i><i>End Date</i></p> <p>Specific Dates: <u>07-11-2024</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></p> | | |
| <p>Signature: <u>John D. Phillips, III</u> Signature Date: <u>7/9/24</u></p> <p>Title: <u>Freeport Site Leader</u></p> | | |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--|---------------------|---|---|
| D | 4 | A32CPCF2A | OP-UA15 | CENTRIFUGE 2A | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPCF2B | OP-UA15 | CENTRIFUGE 2B | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPCLYN | OP-UA4 OP-UA15 | CYANOPYRIDINE RAIL-CAR UNLOADING | | 770 | |
| D | 4 | A32CPCT1 | OP-UA1 OP-UA13 | CT-1 COOLING TOWER | | 770 106.371/09/04/2000 | |
| D | 4 | A32CPD750 | OP-REQ2 | D-750-61 VINYL CHLORIDE LIQUID DEMPSTER | | 770 | |
| D | 4 | A32CPD755 | OP-REQ2 | D-755-CC REACTOR | | 770 | |
| D | 4 | A32CPDL3 | OP-UA15 | D-3 CYANOPYRIDINE VAPORIZER DRUMS | | 770 | |
| D | 4 | A32CPFUPIC | OP-UA1 OP-UA12 OP-REQ2 | PICLORAM FUGITIVES | | 770 142400 106.124/09/04/2000 106.262/09/04/2000 106.472/09/04/2000 | |

TCEQ-10344 (APDG 5767v7, Revised 05/20) OP-SUMR

This form is for use by facilities subject to air quality permit requirements and may be revised periodically.

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------|---------------------|--|---|
| D | 4 | A32CPH200 | OP-REQ2 | NITROGEN HEATER | | 770 | |
| D | 4 | A32CPH44 | OP-UA1 OP-UA5 OP-REQ2 | DTU 44 PIC FURNACE | | 770 | |
| D | 4 | A32CPK1A | OP-REQ2 | K 1A AMINATION REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK1B | OP-REQ2 | K 1B AMINATION REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK2A | OP-REQ2 | K 2A HYDROLYSIS REACTOR | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPK2B | OP-REQ2 | K 2B HYDROLYSIS REACTOR | | 770 106.124/09/04/2000 106.264/09/04/2000 | |
| D | 4 | A32CPLR06C | OP-UA4 | LOADING RACK 106C-D | | 770 | |
| D | 4 | A32CPOS10 | OP-UA15 | SU 10 BUILDING SUMP | | 770 | |
| D | 4 | A32CPOS5 | OP-UA15 | SU 5 MAINT/WASH RACK SUMP | | 770 | |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|-----------------|---------------------------|---------------------|------------------------------|--|------------------|---|--|
| D | 4 | A32CPOS8 | OP-UA15 | SU-8 CALGON SUMP | | 770 | |
| D | 4 | A32CPPUDIL | OP-UA1 OP-UA15 | DILUENT VENT PROCESS VESSEL | | 770 | |
| D | 4 | A32CPRX200 | OP-REQ2 | R-200 REACTOR | | 770 | |
| | | A32CPSC07 | OP-UA16 OP-UA57 | A-3207 DEGREASING | | 106.454/11/01/2001 | |
| D | 4 | A32CPST06C | OP-UA3 OP-UA4 OP-REQ2 | D-106C DILUENT RECOVERY TAR TANK | | 770 | |
| D | 4 | A32CPST06D | OP-UA3 OP-REQ2 | D-106D SPENT DILUENT RECOVERY TAR TANK | | 770 | |
| D | 4 | A32CPST16E | OP-UA3 | D-16E Tet PN TANK | | 106.472/09/04/2000 | |
| | 13 | A32CPST25 | OP-UA3 OP-REQ2 | D-25 WASTEWATER TANK | | 770 106.472/09/04/2000 | |
| D | 4 | A32CPST28 | OP-UA3 OP-REQ2 | D-28C CARBON BEDS SPENT TANK | | 770 | |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|------------------------------------|--------------------------------------|---------------------|--|---|
| D | 4 | A32CPST28C | OP-UA3 OP-REQ2 | D-28B CARBON BEDS SPENT TANK | | 770 106.124/09/04/2000 | |
| D | 4 | A32CPST42 | OP-UA3 OP-REQ2 | D-42 DOWTHERM A STORAGE TANK | | 770 | |
| D | 4 | A32CPST51 | OP-UA15 | D-51 KNOCK-OUT POT | | 770 | |
| D | 4 | A32CPST54 | OP-REQ2 | T-14 PURIFICATION TOWER | | 770 | |
| D | 4 | A32CPT1 | OP-REQ2 | T-1 QUENCH TOWER | | 770 | |
| | 11, 17, 18, 19 | A32CPTO500 | OP-UA15 OP-REQ2 | FB-500 THROX | | 98806 106.472/09/04/2000[175948] 770 142400 151916 106.261/11/01/2003 | |
| D | 4 | A32CPULCYN | OP-UA4 | CYANPYRIDINE TANK TRUCK UNLOADING | | 770 | |
| A | 9 | A32DCCT510 | OP-REQ2 | DCP COOLING TOWER | | 98806 | |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|--------------------------------------|--|---------------------|--|---|
| | 5, 8 | A32DCFU430 | <i>OP-REQ2</i> OP-UA12 | FUGITIVES FOR DCP PLANT | | 98806 451939 | |
| A | 10 | <i>A32DCST20</i> | <i>OP-REQ2</i> | <i>TTU - D-20 Perchloroethylene (Perc.) Tank</i> | | <i>98806</i> | |
| | 6 | A32DCST410 | OP-UA3 OP-REQ2 | D-4100 PHENOL STORAGE TANK | | 98806 | |
| | | A32DCST445 | OP-UA3 OP-REQ2 | D-4450 DCP TARS STORAGE TANK | | 98806 | |
| | | A32DCST48A | OP-UA3 OP-REQ2 | D-4800A PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCST48B | OP-UA3 OP-REQ2 | D-4800B PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCST48C | OP-UA3 OP-REQ2 | D-4800C PRODUCT STORAGE TANK | | 98806 | |
| | | A32DCSU14 | OP-UA15 | DCP MAINTENANCE SUMP SU-14 | | 98806 | |
| | 6 | A32DCTL445 | OP-UA4 OP-REQ2 | DCP TAR LOADING FROM D-4450 | | 98806 | |

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

Table 1

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit/Process AI | Unit/Process Revision No. | Unit/Process ID No. | Unit/Process Applicable Form | Unit/Process Name/ Description | Unit/Process CAM | Preconstruction Authorizations 30 TAC Chapter 116/ 30 TAC Chapter 106 | Preconstruction Authorizations Title I |
|--------------------|------------------------------|------------------------|--------------------------------------|---|---------------------|--|---|
| D | 4 | A32ST1B | OP-UA3 | CYANOPYRIDINE STORAGE TANK | | 770 | |
| | 11 | A32TO560 | OP-UA15 OP-REQ2 | TC-560 TOX INCINERATOR | | 98806 106.472/09/04/2000[175948] 770 142400 151916 106.261/11/01/2003 | |
| D | 4 | PROA32DAS | OP-UA57 | DOW AGROSCIENCES PROCESS UNITS | | 770 98806 | |
| | 7, 20 | PRODCP | OP-REQ2 OP-UA60 | DCP PROCESS UNIT | | 98806 | |

Unit Attribute Forms

Introduction

The following unit attribute forms are being submitted electronically via STEERS:

- Form OP-UA3
 - Form OP-UA4
 - Form OP-UA15
 - Form OP-UA16
 - Form OP-UA57
-

Storage Tank/Vessel Attributes
Form OP-UA3 (Page 4)
Federal Operating Permit Program
Table 4a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit ID No. | SOP/GOP Index No. | Alternate Control Requirement | ACR ID No. | Product Stored | Storage Capacity | Throughput | Potential to Emit | Uncontrolled Emissions |
|-------------|-------------------|-------------------------------|------------|----------------|------------------|------------|-------------------|------------------------|
| A32DCST410 | R5112-01 | NO | | VOC1 | A25K-40K | | | |
| A32DCST445 | R5112-01 | NO | | VOC1 | A1K-25K | | | |
| A32DCST48A | R5112-01 | NO | | VOC1 | A25K-40K | | | |
| A32DCST48B | R5112-01 | NO | | VOC1 | A25K-40K | | | |
| A32DCST48C | R5112-01 | NO | | VOC1 | A25K-40K | | | |
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Storage Tank/Vessel Attributes
Form OP-UA3 (Page 5)
Federal Operating Permit Program
Table 4b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Storage of Volatile Organic Compounds (VOCs)
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit ID No. | SOP/GOP Index No. | Construction Date | Tank Description | True Vapor Pressure | Primary Seal | Secondary Seal | Control Device Type | Control Device ID No. |
|-------------|-------------------|-------------------|------------------|---------------------|--------------|----------------|---------------------|-----------------------|
| A32DCST410 | R5112-01 | | NONE1 | 1- | | | | |
| A32DCST445 | R5112-01 | | NONE1 | 1- | | | | |
| A32DCST48A | R5112-01 | | NONE1 | 1- | | | | |
| A32DCST48B | R5112-01 | | NONE1 | 1- | | | | |
| A32DCST48C | R5112-01 | | NONE1 | 1- | | | | |
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Loading/Unloading Operations Attributes
Form OP-UA4 (Page 1)
Federal Operating Permit Program
Table 1a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds
Texas Commission on Environmental Quality

| Date | Permit No.: | Regulated Entity No. |
|------------|-------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit ID No. | SOP/GOP Index No. | Chapter 115 Facility Type | Alternate Control Requirement (ACR) | ACR ID No. | Product Transferred | Transfer Type | True Vapor Pressure | Daily Through-put | Control Options |
|-------------|-------------------|---------------------------|-------------------------------------|------------|---------------------|---------------|---------------------|-------------------|-----------------|
| A32DCTL445 | R5211-01 | OTHER | NONE | | VOC1 | LOAD | 0.5+ | 20K+ | CON |
| | | | | | | | | | |
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Loading/Unloading Operations Attributes
Form OP-UA4 (Page 2)
Federal Operating Permit Program
Table 1b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter C: Loading and Unloading of Volatile Organic Compounds
Texas Commission on Environmental Quality

| Date | Permit No.: | Regulated Entity No. |
|------------|-------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit ID No. | SOP Index No. | Chapter 115 Control Device Type | Chapter 115 Control Device ID No. | Vapor-Tight | Vapor Space Holding Tank | Marine Terminal Exemptions | VOC Flash Point | Uncontrolled VOC Emissions |
|-------------|---------------|---------------------------------------|---|-------------|-----------------------------|-------------------------------|-----------------|-------------------------------|
| A32DCTL445 | R5211-01 | DIRFLM | A32TO560 | NO | | | | |
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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 3)
Federal Operating Permit Program
Table 2a: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Emission Point ID No. | SOP/GOP Index No. | Chapter 115 Division | Combustion Exhaust | Vent Type | Total Uncontrolled VOC Weight | Combined 24-Hour VOC Weight | VOC Concentration | VOC Concentration or Emission Rate at Maximum Operating Conditions |
|-----------------------|-------------------|----------------------|--------------------|-----------|-------------------------------|-----------------------------|-------------------|--|
| A32CPTO500 | R5121-01 | NO | NO | REGVAPPL | | | | |
| A32DCSU14 | R5121-01 | NO | NO | REGVAPPL | | 100- | | YES |
| A32TO560 | R5121-01 | NO | NO | REGVAPPL | | | | |
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Emission Point/Stationary Vent/Distillation Operation Vent/Process Vent Attributes
Form OP-UA15 (Page 4)
Federal Operating Permit Program
Table 2b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)
Subchapter B: Vent Gas Control
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Emission Point ID No. | SOP Index No. | Alternate Control Requirement | ACR ID No. | Control Device Type | Control Device ID No. |
|-----------------------|---------------|-------------------------------|------------|---------------------|-----------------------|
| A32CPTO500 | R5121-01 | NONE | | DIRFLM | A32CPTO500 |
| A32TO560 | R5121-01 | NONE | | DIRFLM | A32TO560 |
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Solvent Degreasing Machine Attributes
Form OP-UA16 (Page 1) Federal Operating Permit Program
Table 1: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115) Subchapter E: Solvent Using Processes
Texas Commission on Environmental Quality

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit ID No. | SOP/GOP Index No. | Solvent Degreasing Machine Type | Alternate Control Requirement (ACR) | Alternate Control Requirement ID No. | Solvent Sprayed | Solvent Vapor Pressure | Solvent Heated | Parts Larger Than Drainage | Drainage Area | Disposal in Enclosed Containers | Solvent/Air Interface Area | Emission Control Combinations |
|-------------|-------------------|---------------------------------|-------------------------------------|--------------------------------------|-----------------|------------------------|----------------|----------------------------|---------------|---------------------------------|----------------------------|-------------------------------|
| A32CPSC07 | R5412-01 | COLD | NO | | YES | 0.6- | YES | NO | 16+ | YES | | |
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**Cleaning/Depainting Operation Attributes
Form OP-UA57 (Page 7)
Federal Operating Permit Program**

**Table 2: Title 30 Texas Administrative Code Chapter 115 (30TAC Chapter 115)
Subchapter E: Industrial Cleaning Solvents**

| | | |
|---|--------------------------|--|
| Date: 07/11/2024 | Permit No.: O2206 | Regulated Entity No.: RN110746757 |
| Area Name: Corteva Freeport Operations | | Customer Reference No.: CN601287600 |

| Process ID No. | SOP Index No. | Exemptions | Alternate Control Requirement | ACR ID No. | Compliance Demonstration | Minor Modification | Minor Modification ID No. | Vapor Recovery | Emission Control |
|----------------|---------------|------------|-------------------------------|------------|--------------------------|--------------------|---------------------------|----------------|------------------|
| A32CPSC07 | R5460-01 | 115REQ | | | | | | | |
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Applicability Identification Forms

Introduction

The following applicability identification forms are being submitted electronically via STEERS:

- Form OP-REQ1
 - Form OP-REQ2
 - Form OP-REQ3
-

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

| | |
|-------------|-------------|
| Date: | 07/11/2024 |
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| RN No.: | RN110746757 |

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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 2. The application area includes stationary vents constructed after January 31, 1972. <i>If the responses to Questions I.A.1 and I.A.2 are both "NO," go to Question I.A.6.</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 type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 4. All stationary vents are addressed on a unit specific basis. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 5. Test Method 9 (40 CFR Part 60, Appendix A, Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources) is used to determine opacity of emissions in the application area. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 6. The application area includes structures subject to 30 TAC § 111.111(a)(7)(A). | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 7. The application area includes sources, other than those specified in 30 TAC § 111.111(a)(1), (4), or (7), subject to 30 TAC § 111.111(a)(8)(A). | <input 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 |

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|--|---|
| Form OP-REQ1: Page 2 | |
| I. Title 30 TAC Chapter 111 - Control of Air Pollution from Visible Emissions and Particulate Matter (continued) | |
| B. Materials Handling, Construction, Roads, Streets, Alleys, and Parking Lots | |
| 1. Items a - d determines applicability of any of these requirements based on geographical location. | |
| ◆ a. The application area is located within the City of El Paso. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ b. The application area is located within the Fort Bliss Military Reservation, except areas specified in 30 TAC § 111.141. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ c. The application area is located in the portion of Harris County inside the loop formed by Beltway 8. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ d. The application area is located in the area of Nueces County outlined in Group II state implementation plan (SIP) for inhalable particulate matter adopted by the TCEQ on May 13, 1988. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| <i>If there is any "YES" response to Questions I.B.1.a - d, answers Questions I.B.2.a - d. If all responses to Questions I.B.1.a-d are "NO," go to Section I.C.</i> | |
| 2. Items a - d determine the specific applicability of these requirements. | |
| ◆ a. The application area is subject to 30 TAC § 111.143. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ b. The application area is subject to 30 TAC § 111.145. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ c. The application area is subject to 30 TAC § 111.147. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ d. The application area is subject to 30 TAC § 111.149. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| C. Emissions Limits on Nonagricultural Processes | |
| ◆ 1. The application area includes a nonagricultural process subject to 30 TAC § 111.151. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. The application area includes a vent from a nonagricultural process that is subject to additional monitoring requirements. <i>If the response to Question I.C.2 is "NO," go to Question I.C.4.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. All vents from nonagricultural process in the application area are subject to additional monitoring requirements. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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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 |

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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 checked="" type="checkbox"/> YES <input 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 checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 2. | The application area is located at a petroleum refinery in the Beaumont/Port Arthur or Houston/Galveston/Brazoria area. <i>If the response to Question III.C.2 is "YES" and the refinery is in the Beaumont/Port Arthur area, go to Section III.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. | The application area is complying with the provisions of 40 CFR Part 63, Subpart G, as an alternative to complying with this division (relating to Industrial Wastewater). <i>If the response to Question III.C.3 is "YES," go to Section III.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. | The application area is located at a plant with an annual VOC loading in wastewater, as determined in accordance with 30 TAC § 115.148, less than or equal to 10 Mg (11.03 tons). <i>If the response to Question III.C.4 is "YES," go to Section III.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that are subject to the control requirements of 30 TAC § 115.142(1). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that handle streams chosen for exemption under 30 TAC § 115.147(2). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. | The application area includes wastewater drains, junction boxes, lift stations, or weirs that have an executive director approved exemption under 30 TAC § 115.147(4). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

D. Loading and Unloading of VOCs

| | | | |
|---|----|---|---|
| ◆ | 1. | The application area includes VOC loading operations. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 2. | The application area includes VOC transport vessel unloading operations. <i>For GOP applications, if the responses to Questions III.D.1 - D.2 are "NO," go to Section III.E.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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| Form OP-REQ1: Page 6 | |
| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) | |
| D. Loading and Unloading of VOCs (continued) | |
| ◆ 3. Transfer operations at motor vehicle fuel dispensing facilities are the only VOC transfer operations conducted in the application area. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities | |
| ◆ 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a tank-truck tank into a stationary storage container. <i>If the response to Question III.E.1 is "NO," go to Section III.F.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ 2. Transfers to stationary storage containers used exclusively for the fueling of agricultural implements are the only transfer operations conducted at facilities in the application area. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 3. All transfers at facilities in the application area are made into stationary storage containers with internal floating roofs, external floating roofs, or their equivalent. <i>If the response to Question III.E.2 and/or E.3 is "YES," go to Section III.F.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 4. The application area is located in a covered attainment county as defined in 30 TAC § 115.10. <i>If the response to Question III.E.4 is "NO," go to Question III.E.9.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 5. Stationary gasoline storage containers with a nominal capacity less than or equal to 1,000 gallons are located at the facility. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 6. Stationary gasoline storage containers with a nominal capacity greater than 1,000 gallons are located at the facility. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 7. At facilities located in covered attainment counties other than Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed less than 100,000 gallons of gasoline in a calendar month after October 31, 2014. <i>If the response to Question III.E.7 is "YES," go to Section III.F.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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Form OP-REQ1: Page 7

III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)

E. Filling of Gasoline Storage Vessels (Stage I) for Motor Vehicle Fuel Dispensing Facilities (continued)

| | | |
|---|--|--|
| ◆ | 8. At facilities located in Bastrop, Bexar, Caldwell, Comal, Guadalupe, Hays, Travis, Williamson, or Wilson County, transfers are made to stationary storage tanks greater than 1000 gallons located at a facility which has dispensed no more than 25,000 gallons of gasoline in a calendar month after December 31, 2004. <i>If the response to Question III.E.8 is "YES," go to Section III.F.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 9. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed no more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 10. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which has dispensed more than 10,000 gallons of gasoline in any calendar month after January 1, 1991 and for which construction began prior to November 15, 1992. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 11. Transfers are made to stationary storage tanks located at a motor vehicle fuel dispensing facility which commenced construction on or after November 15, 1992. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 12. At facilities located in Ellis, Johnson, Kaufman, Parker, or Rockwall County, transfers are made to stationary storage tanks located at a facility which has dispensed at least 10,000 gallons of gasoline but less than 125,000 gallons of gasoline in a calendar month after April 30, 2005. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only)

| | | |
|---|--|--|
| ◆ | 1. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(a)(1)(C) or 115.224(2) within the application area. | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
|---|--|--|

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| Form OP-REQ1: Page 8 | | |
| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) | | |
| F. Control of VOC Leaks from Transport Vessels (Complete this section for GOP applications for GOPs 511, 512, 513 and 514 only) (continued) | | |
| ◆ | 2. Tank-truck tanks are filled with non-gasoline VOCs having a TVP greater than or equal to 0.5 psia under actual storage conditions at a facility subject to 30 TAC § 115.214(a)(1)(C) within the application area. | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ | 3. Tank-truck tanks are filled with, or emptied of, gasoline at a facility that is subject to 30 TAC § 115.214(b)(1)(C) or 115.224(2) within the application area. | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| G. Control of Vehicle Refueling Emissions (Stage II) at Motor Vehicle Fuel Dispensing Facilities | | |
| ◆ | 1. The application area includes one or more motor vehicle fuel dispensing facilities and gasoline is transferred from a stationary storage container into motor vehicle fuel tanks. <i>If the response to Question III.G.1 is "NO" or "N/A," go to Section III.H.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ | 2. The application area includes facilities that began construction on or after November 15, 1992 and prior to May 16, 2012. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 3. The application area includes facilities that began construction prior to November 15, 1992. <i>If the responses to Questions III.G.2 and Question III.G.3 are both "NO," go to Section III.H.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 4. The application area includes only facilities that have a monthly throughput of less than 10,000 gallons of gasoline. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 5. The decommissioning of all Stage II vapor recovery control equipment located in the application area has been completed and the decommissioning notice submitted. | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |

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| Form OP-REQ1: Page 9 | |
| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) | |
| H. Control Of Reid Vapor Pressure (RVP) of Gasoline | |
| ◆ 1. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that may ultimately be used in a motor vehicle in El Paso County. <i>If the response to Question III.H.1 is "NO" or "N/A," go to Section III.I.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A |
| ◆ 2. The application area includes stationary tanks, reservoirs, or other containers holding gasoline that will be used exclusively for the fueling of agricultural implements. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 3. The application area includes a motor vehicle fuel dispensing facility. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 4. The application area includes stationary tanks, reservoirs, or other containers holding gasoline and having a nominal capacity of 500 gallons or less. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| I. Process Unit Turnaround and Vacuum-Producing Systems in Petroleum Refineries | |
| 1. The application area is located at a petroleum refinery. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| J. Surface Coating Processes (Complete this section for GOP applications only.) | |
| ◆ 1. Surface coating operations (other than those performed on equipment located on-site and in-place) that meet the exemption specified in 30 TAC § 115.427(3)(A) or 115.427(7) are performed in the application area. | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |

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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 checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 2. | The use, application, sale, or offering for sale of conventional cutback asphalt containing VOC solvents for the paving of roadways, driveways, or parking lots occurs in the application area. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 3. | Asphalt emulsion is used or produced within the application area. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 4. | The application area is using an alternate control requirement as specified in 30 TAC § 115.513. <i>If the response to Question III.K.4 is "NO," go to Section III.L.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 5. | The application area uses, applies, sells, or offers for sale asphalt concrete, made with cutback asphalt, that meets the exemption specified in 30 TAC § 115.517(1). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. | The application area uses, applies, sells, or offers for sale cutback asphalt that is used solely as a penetrating prime coat. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. | The applicant using cutback asphalt is a state, municipal, or county agency. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels

| | | |
|------|---|---|
| ◆ 1. | The application area includes degassing operations for stationary, marine, and/or transport vessels. <i>If the response to Question III.L.1 is "NO" or "N/A," go to Section III.M.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ 2. | Degassing of only ocean-going, self-propelled VOC marine vessels is performed in the application area. <i>If the response to Question III.L.2 is "YES," go to Section III.M.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |

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III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued)

L. Degassing of Storage Tanks, Transport Vessels and Marine Vessels (continued)

| | | | |
|---|----|---|---|
| ◆ | 3. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 1,000,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ | 4. | Degassing of stationary VOC storage vessels with a nominal storage capacity of 250,000 gallons or more, or a nominal storage capacity of 75,000 gallons and storing materials with a true vapor pressure greater than 2.6 psia, and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ | 5. | Degassing of VOC transport vessels with a nominal storage capacity of 8,000 gallons or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 6. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) or more and a vapor space partial pressure greater than or equal to 0.5 psia of VOC is performed in the application area. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ | 7. | Degassing of VOC marine vessels with a nominal storage capacity of 10,000 barrels (420,000 gallons) and a vapor space partial pressure \geq 0.5 psia that have sustained damage as specified in 30 TAC § 115.547(5) is performed in the application area. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |

M. Petroleum Dry Cleaning Systems

| | | | |
|--|----|--|---|
| | 1. | The application area contains one or more petroleum dry cleaning facilities that use petroleum based solvents. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
|--|----|--|---|

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| III. Title 30 TAC Chapter 115 - Control of Air Pollution from Volatile Organic Compounds (continued) | |
| N. Vent Gas Control (Highly-reactive volatile organic compounds (HRVOC)) | |
| 1. The application area includes one or more vent gas streams containing HRVOC. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 2. The application area includes one or more flares that emit or have the potential to emit HRVOC. <i>If the responses to Questions III.N.1 and III.N.2 are both "NO" or "N/A," go to Section III.O. If the response to Question III.N.1 is "YES," continue with Question III.N.3.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 3. All vent streams in the application area that are routed to a flare contain less than 5.0% HRVOC by weight at all times. | <input type="checkbox"/> YES <input 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 checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds

A. Applicability

| | | |
|---|--|---|
| ◆ | 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. 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. For GOP applications for GOP 517, if the response to Question IV.A.1 is "YES," complete Sections IV.C and IV.F. For GOP applications, if the response to Question IV.A.1 is "NO," go to Section VI.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | 2. The application area is located in Bexar, Comal, Ellis, Hays, or McLennan County and includes a cement kiln. <i>If the response to Question IV.A.2 is "YES," go to Question IV.H.1.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 3. The application area includes a utility electric generator in an east or central Texas county. <i>See instructions for a list of counties included. If the response to Question IV.A.3 is "YES," go to Question IV.G.1. If the responses to Questions IV.A.1 - 3 are all "NO," go to Question IV.H.1.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

B. Utility Electric Generation in Ozone Nonattainment Areas

| | | |
|--|---|---|
| | 1. The application area includes units specified in 30 TAC §§ 117.1000, 117.1200, or 117.1300. <i>If the response to Question IV.B.1 is "NO," go to Question IV.C.1.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| | 2. The application area is complying with a System Cap in 30 TAC §§ 117.1020 or 117.1220. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued)

C. Commercial, Institutional, and Industrial Sources in Ozone Nonattainment Areas

| | | |
|---|---|---|
| ◆ | 1. The application area is located at a site subject to 30 TAC Chapter 117, Subchapter B and includes units specified in 30 TAC §§ 117.100, 117.300, or 117.400. <i>For SOP applications, if the response to Question IV.C.1 is "NO," go to Question IV.D.1. For GOP applications for GOP 517, if the response to Question IV.C.1 is "NO," go to Section IV.F.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 2. The application area is located at a site that was a major source of NO _x before November 15, 1992. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| ◆ | 3. The application area includes an electric generating facility required to comply with the System Cap in 30 TAC § 117.320. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

D. Adipic Acid Manufacturing

| | | |
|----|---|---|
| 1. | The application area is located at, or part of, an adipic acid production unit. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
|----|---|---|

E. Nitric Acid Manufacturing - Ozone Nonattainment Areas

| | | |
|----|--|---|
| 1. | The application area is located at, or part of, a nitric acid production unit. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
|----|--|---|

F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines

| | | |
|---|---|---|
| ◆ | 1. The application area is located at a site that is a minor source of NO _x in the Houston/Galveston/Brazoria or Dallas/Fort Worth Eight-Hour areas (except for Wise County). <i>For SOP applications, if the response to Question IV.F.1 is "NO," go to Question IV.G.1. For GOP applications, if the response to Question IV.F.1 is "NO," go to Section VI.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 2. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(a). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 3. The application area is located in the Houston/Galveston/Brazoria area and has units that qualify for an exemption under 30 TAC § 117.2003(b). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| IV. Title 30 TAC Chapter 117 - Control of Air Pollution from Nitrogen Compounds (continued) | | |
| F. Combustion Control at Minor Sources in Ozone Nonattainment Areas - Boilers, Process Heaters, Stationary Engines and Gas Turbines (continued) | | |
| ◆ | 4. The application area is located in the Dallas/Fort Worth Eight-Hour area (except for Wise County) and has units that qualify for an exemption under 30 TAC § 117.2103. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 5. The application area has units subject to the emission specifications under 30 TAC §§ 117.2010 or 30 TAC § 117.2110. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 6. The application area has a unit that has been approved for alternative case specific specifications (ACSS) in 30 TAC § 117.2025 or 30 TAC § 117.2125. <i>If the response to Question IV.F.6 is "NO," go to Section IV.G.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 7. An ACSS for carbon monoxide (CO) has been approved? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 8. An ACSS for ammonia (NH ₃) has been approved? | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 9. Provide the Permit Number(s) and authorization/issuance date(s) of the NSR project(s) that incorporates an ACSS below. | |
| G. Utility Electric Generation in East and Central Texas | | |
| | 1. The application area includes utility electric power boilers and/or stationary gas turbines (including duct burners used in turbine exhaust ducts) that were placed into service before December 31, 1995. <i>If the response to Question IV.G.1 is "NO," go to Question IV.H.1.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| | 2. The application area is complying with the System Cap in 30 TAC § 117.3020. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| H. Multi-Region Combustion Control - Water Heaters, Small Boilers, and Process Heaters | | |
| | 1. The application area includes a manufacturer, distributor, retailer or installer of natural gas fired water heaters, boilers or process heaters with a maximum rated capacity of 2.0 MMBtu/hr or less. <i>If the response to question IV.H.1 is "NO," go to Section V.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| | 2. All water heaters, boilers or process heaters manufactured, distributed, retailed or installed qualify for an exemption under 30 TAC § 117.3203. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products

A. Subpart B - National Volatile Organic Compound Emission Standards for Automobile Refinish Coatings

- | | |
|---|---|
| 1. The application area manufactures automobile refinishing coatings or coating components and sells or distributes these coatings or coating components in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area imports automobile refinishing coatings or coating components, manufactured on or after January 11, 1999, and sells or distributes these coatings or coating components in the United States. <i>If the responses to Questions V.A.1 and V.A.2 are both "NO," go to Section V.B.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. All automobile refinishing coatings or coating components manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR § 59.100(c)(1) - (6). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

B. Subpart C - National Volatile Organic Compound Emission Standards for Consumer Products

- | | |
|--|---|
| 1. The application area manufactures consumer products for sale or distribution in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area imports consumer products manufactured on or after December 10, 1998 and sells or distributes these consumer products in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. The application area is a distributor of consumer products whose name appears on the label of one or more of the products. <i>If the responses to Questions V.B.1 - V.B.3 are all "NO," go to Section V.C.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 4. All consumer products manufactured, imported, or distributed by the application area meet one or more of the exemptions specified in 40 CFR § 59.201(c)(1) - (7). | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| V. Title 40 Code of Federal Regulations Part 59 (40 CFR Part 59) - National Volatile Organic Compound Emission Standards for Consumer and Commercial Products (continued) | |
| C. Subpart D - National Volatile Organic Compound Emission Standards for Architectural Coatings | |
| 1. The application area manufactures or imports architectural coatings for sale or distribution in the United States. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area manufactures or imports architectural coatings that are registered under the Federal Insecticide, Fungicide, and Rodenticide Act. <i>If the responses to Questions V.C.1-2 are both "NO," go to Section V.D.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. All architectural coatings manufactured or imported by the application area meet one or more of the exemptions specified in 40 CFR §59.400(c)(1)-(5). | <input type="checkbox"/> YES <input 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 <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) | |
| ◆ 5. One or more stationary gas turbines subject to 40 CFR Part 60, Subpart GG in the application area is injected with water or steam for the control of nitrogen oxides. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| D. Subpart XX - Standards of Performance for Bulk Gasoline Terminals | |
| 1. The application area includes bulk gasoline terminal loading racks. <i>If the response to Question VI.D.1 is "NO," go to Section VI.E.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A |
| 2. One or more of the loading racks were constructed or modified after December 17, 1980, and are not subject to 40 CFR Part 63, Subpart CC. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions | |
| ◆ 1. The application area includes affected facilities identified in 40 CFR § 60.640(a) that process natural gas (onshore). <i>For SOP applications, if the response to Question VI.E.1 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.1 is "NO" or "N/A," go to Section VI.H.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 2. The affected facilities commenced construction or modification after January 20, 1984 and on or before August 23, 2011. <i>For SOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.2 is "NO," go to Section VI.H.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 3. The application area includes a gas sweetening unit with a design capacity greater than or equal to 2 long tons per day (LTPD) of hydrogen sulfide but operates at less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.3 is "NO," go to Section VI.H.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VI. Title 40 Code of Federal Regulations Part 60 - New Source Performance Standards (continued)

E. Subpart LLL - Standards of Performance for Onshore Natural Gas Processing: Sulfur Dioxide (SO₂) Emissions (continued)

| | | |
|---|--|--|
| ◆ | 4. Federally enforceable operating limits have been established in the preconstruction authorization limiting the gas sweetening unit to less than 2 LTPD. <i>For SOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.F. For GOP applications, if the response to Question VI.E.4. is "NO," go to Section VI.H.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 5. Please provide the Unit ID(s) for the gas sweetening unit(s) that have established federally enforceable operating limits in the space provided below. | |

F. Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

| | | |
|----|---|--|
| 1. | The application area includes affected facilities identified in 40 CFR § 60.670(a)(1) that are located at a fixed or portable nonmetallic mineral processing plant. <i>If the response to Question VI.F.1 is "NO," go to Section VI.G.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. | Affected facilities identified in 40 CFR § 60.670(a)(1) and located in the application area are subject to 40 CFR Part 60, Subpart OOO. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

G. Subpart QQQ - Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems

| | | |
|----|--|--|
| 1. | The application area is located at a petroleum refinery and includes one or more of the affected facilities identified in 40 CFR § 60.690(a)(2) - (4) for which construction, modification, or reconstruction was commenced after May 4, 1987. <i>If the response to Question VI.G.1 is "NO," go to Section VI.H.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. | The application area includes storm water sewer systems. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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

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| Form OP-REQ1: Page 26 | |
| 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)

Manufacturing Commercial Asbestos (continued)

| | |
|---|--|
| 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 |

Asbestos Spray Application

| | |
|--|--|
| 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 checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area is located at a site having a total annual benzene quantity from facility waste less than 1 megagram per year (Mg/yr). <i>If the response to Question VII.H.4 is "YES," go to Section VIII</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The application area is located at a site having a total annual benzene quantity from facility waste greater than or equal to 1 Mg/yr but less than 10 Mg/yr. <i>If the response to Question VII.H.5 is "YES," go to Section VIII.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)

H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)

Applicability (continued)

- | | | |
|----|--|--|
| 6. | The flow-weighted annual average benzene concentration of each waste stream at the site is based on documentation. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. | The application area has waste streams with flow-weighted annual average water content of 10% or greater. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

Waste Stream Exemptions

- | | | |
|-----|--|--|
| 8. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(2) (the flow-weighted annual average benzene concentration is less than 10 ppmw). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 9. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because process wastewater has a flow rate less than 0.02 liters per minute or an annual wastewater quantity less than 10 Mg/yr. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 10. | The application area has waste streams that meet the exemption specified in 40 CFR § 61.342(c)(3) because the total annual benzene quantity is less than or equal to 2 Mg/yr. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 11. | The application area transfers waste off-site for treatment by another facility. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 12. | The application area is complying with 40 CFR § 61.342(d). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 13. | The application area is complying with 40 CFR § 61.342(e). <i>If the response to Question VII.H.13 is "NO," go to Question VII.H.15.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 14. | The application area has facility waste with a flow weighted annual average water content of less than 10%. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued)

H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued)

Container Requirements

15. The application area has containers, as defined in 40 CFR § 61.341, that receive non-exempt benzene waste. ☐ YES ☐ NO
If the response to Question VII.H.15 is "NO," go to Question VII.H.18.

16. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. ☐ YES ☐ NO
If the response to Question VII.H.16 is "YES," go to Question VII.H.18.

17. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. ☐ YES ☐ 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. ☐ YES ☐ NO
If the response to Question VII.H.18 is "NO," go to Question VII.H.25.

19. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. ☐ YES ☐ NO
If the response to Question VII.H.19 is "YES," go to Question VII.H.25.

20. The application area has individual drain systems complying with 40 CFR § 61.346(a). ☐ YES ☐ NO
If the response to Question VII.H.20 is "NO," go to Question VII.H.22.

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. ☐ YES ☐ NO

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| VII. Title 40 Code of Federal Regulations Part 61 - National Emission Standards for Hazardous Air Pollutants (continued) | |
| H. Subpart FF - National Emission Standard for Benzene Waste Operations (continued) | |
| <i>Individual Drain Systems (continued)</i> | |
| 22. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VII.H.22 is "NO," go to Question VII.H.25.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 23. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 24. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| <i>Remediation Activities</i> | |
| 25. Remediation activities take place at the application area subject to 40 CFR Part 61, Subpart FF. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories | |
| A. Applicability | |
| ◆ 1. The application area includes a unit(s) that is subject to one or more 40 CFR Part 63 subparts other than subparts made applicable by reference under subparts in 40 CFR Part 60, 61 or 63. <i>See instructions for 40 CFR Part 63 subparts made applicable only by reference.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry | |
| 1. The application area is located at a plant site that is a major source as defined in the Federal Clean Air Act § 112(a). <i>If the response to Question VIII.B.1 is "NO," go to Section VIII.D.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

B. Subpart F - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry (continued)

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| 2. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii). <i>If the response to Question VIII.B.2 is "NO," go to Section VIII.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. | The application area is located at a site that includes at least one chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and uses as a reactant or manufactures as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. | The application area includes a chemical manufacturing process unit, as defined in 40 CFR § 63.101, that manufactures as a primary product one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or (b)(1)(ii) and does <u>not</u> use as a reactant or manufacture as a product, or co-product, one or more of the organic hazardous air pollutants listed in table 2 of 40 CFR Part 63, Subpart F. <i>If the response to Questions VIII.B.3, B.4 and B.5 are all "NO," go to Section VIII.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater

Applicability

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| 1. | The application area is located at a site that is subject to 40 CFR 63, Subpart F and the application area includes process vents, storage vessels, transfer racks, or waste streams associated with a chemical manufacturing process subject to 40 CFR 63, Subpart F. <i>If the response to Question VIII.C.1 is "NO," go to Section VIII.D.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. | The application area includes fixed roofs, covers, and/or enclosures that are required to comply with 40 CFR § 63.148. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. | The application area includes vapor collection systems or closed-vent systems that are required to comply with 40 CFR § 63.148. <i>If the response to Question VIII.C.3 is "NO," go to Question VIII.C.8.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. | The application area includes vapor collection systems or closed-vent systems that are constructed of hard-piping. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. | The application area includes vapor collection systems or closed-vent systems that contain bypass lines that could divert a vent stream away from a control device and to the atmosphere. <i>If the response to Question VIII.C.5 is "NO," go to Question VIII.C.8.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

Vapor Collection and Closed Vent Systems

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| 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)

Reloading or Cleaning of Railcars, Tank Trucks, or Barges

8. The application area includes reloading and/or cleaning of railcars, tank trucks, or barges that deliver HAPs to a storage tank. ☐ YES ☐ NO
If the response to Question VIII.C.8 is "NO," go to Question VIII.C.11.

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. ☐ YES ☐ NO

10. The application area includes operations that are complying with § 63.119(g)(6) through the use of a vapor balancing system. ☐ YES ☐ NO

Transfer Racks

11. The application area includes Group 1 transfer racks that load organic HAPs. ☐ YES ☐ NO

Process Wastewater Streams

12. The application area includes process wastewater streams. ☐ YES ☐ NO
If the response to Question VIII.C.12 is "NO," go to Question VIII.C.34.

13. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart FF. ☐ YES ☐ NO
If the response to Question VIII.C.13 is "NO," go to Question VIII.C.15.

14. The application area includes process wastewater streams that are complying with 40 CFR §§ 63.110(e)(1)(i) and (e)(1)(ii). ☐ YES ☐ NO

15. The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Part 61, Subpart F. ☐ YES ☐ NO
If the response to Question VIII.C.15 is "NO," go to Question VIII.C.17.

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)

Process Wastewater Streams (continued)

| | | |
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| 16. | The application area includes process wastewater streams utilizing the compliance option specified in 40 CFR § 63.110(f)(4)(ii). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 17. | The application area includes process wastewater streams that are also subject to the provisions of 40 CFR Parts 260 through 272. <i>If the response to Question VIII.C.17 is "NO," go to Question VIII.C.20.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 18. | The application area includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(i). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 19. | The application are includes process wastewater streams complying with 40 CFR § 63.110(e)(2)(ii). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 20. | The application area includes process wastewater streams, located at existing sources, that are designated as Group 1; are required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 9 compounds. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 21. | The application area includes process wastewater streams, located at existing sources that are Group 2. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 22. | The application area includes process wastewater streams, located at new sources, that are designated as Group 1; required to be treated as Group 1 under 40 CFR § 63.110; or are determined to be Group 1 for Table 8 or Table 9 compounds. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 23. | The application area includes process wastewater streams, located at new sources that are Group 2 for both Table 8 and Table 9 compounds. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)

Process Wastewater Streams (continued)

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| 24. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.24 is "YES," go to Question VIII.C.34.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 25. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.C.25 is "NO," go to Question VIII.C.27.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 26. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 27. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 28. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.C.27 - VIII.C.28 are both "NO," go to Question VIII.C.30.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 29. The application area includes waste management units that receive or manage a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 30. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

C. Subpart G - National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operations, and Wastewater (continued)

Drains

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| 31. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.C.31 is "NO," go to Question VIII.C.34.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 32. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 33. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 34. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.C.34 is "NO," go to Question VIII.C.39.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 35. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.C.35 is "NO," go to Question VIII.C.39.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 36. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at any flow rate. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

C. Subpart G-National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry for Process Vents, Storage Vessels, Transfer Operation, and Wastewater (continued)

Drains (continued)

37. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds listed in 40 CFR Part 63 Subpart G, Table 9, at an annual average flow rate greater than or equal to 10 liters per minute. ☐ YES ☐ 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. ☐ YES ☐ 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. ☐ YES ☐ 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). ☐ YES ☐ 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. ☐ YES ☒ NO

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

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

G. Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) (continued)

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| 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

| | | |
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| 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)

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| 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)

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| 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). ☐ YES ☐ NO
If the response to Question VIII.N.9 is "NO," go to Section VIII.O.

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. ☐ YES ☐ 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). ☐ YES ☐ 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). ☐ YES ☐ 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). ☐ YES ☒ NO ☐ N/A
If the response to Question VIII.O.1 is "NO" or "N/A," go to Section VIII.P

2. Materials specified in 40 CFR § 63.680(b)(2) are received at the application area. ☐ YES ☐ 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. ☐ YES ☐ 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)

| | | |
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| 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)

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| 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)

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| 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

- | | |
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| 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

- | | |
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| 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)

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| 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)

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| 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)

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| 19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an acrylic resins or acrylic and modacrylic fiber production process unit that is part of a new affected source or is a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 ppmw of compounds meeting the definition of organic HAP in Table 9 to 40 CFR Part 60, Subpart G, at an average annual flow rate greater than or equal to 0.02 liter per minute. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 20. The application area includes an ethylene production process unit. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 21. The application area includes waste streams generated from an ethylene production process unit. <i>If the responses to Questions VIII.W.20 and VIII.W.21 are both "NO" or "N/A," go to Question VIII.W.54.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> N/A |
| 22. The waste stream(s) contains at least one of the chemicals listed in 40 CFR § 63.1103(e), Table 7(g)(1). <i>If the response to Question VIII.W.22 is "NO," go to Question VIII.W.54.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 23. Waste stream(s) are transferred off-site for treatment. <i>If the response to Question VIII.W.23 is "NO," go to Question VIII.W.25.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 24. The application area has waste management units that treat or manage waste stream(s) prior to transfer off-site for treatment. <i>If the response to Question VIII.W.24 is "NO," go to Question VIII.W.54.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued) | |
| 25. The total annual benzene quantity from waste at the site is less than 10 Mg/yr as determined according to 40 CFR § 61.342(a). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 26. The application area contains at least one waste stream that is a continuous butadiene waste stream as defined in 40 CFR § 63.1082(b). <i>If the response to Question VIII.W.26 is "NO," go to Question VIII.W.43.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 27. The waste stream(s) contains at least 10 ppmw 1, 3-butadiene at a flow rate of 0.02 liters per minute or is designated for control. <i>If the response to Question VIII.W.27 is "NO," go to Question VIII.W.43.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 28. The control requirements of 40 CFR Part 63, Subpart G for process wastewater as specified in 40 CFR § 63.1095(a)(2) are selected for control of the waste stream(s). <i>If the response to Question VIII.W.28 is "NO," go to Question VIII.W.33.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 29. The application area includes containers that receive, manage, or treat a continuous butadiene waste stream. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 30. The application area includes individual drain systems that receive, manage, or treat a continuous butadiene waste stream. <i>If the response to Question VIII.W.30 is "NO," go to Question VIII.W.43.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 31. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)

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| 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)

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| 38. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.38 is "NO," go to Question VIII.W.40.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 39. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 40. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.40 is "NO," go to Question VIII.W.43.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 41. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 42. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 43. The application area has at least one waste stream that contains benzene. <i>If the response to Question VIII.W.43 is "NO," go to Question VIII.W.54.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 44. The application area has containers, as defined in 40 CFR § 61.341, that receive a waste stream containing benzene. <i>If the response to Question VIII.W.44 is "NO," go to Question VIII.W.47.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 45. The application area is an alternate means of compliance to meet the 40 CFR § 61.345 requirements for containers. <i>If the response to Question VIII.W.45 is "YES," go to Question VIII.W.47.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued)

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| 46. Covers and closed-vent systems used for containers operate such that the container is maintained at a pressure less than atmospheric pressure. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 47. The application area has individual drain systems, as defined in 40 CFR § 61.341, that receive or manage a waste stream containing benzene. <i>If the response to Question VIII.W.47 is "NO," go to Question VIII.W.54.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 48. The application area is using an alternate means of compliance to meet the 40 CFR § 61.346 requirements for individual drain systems. <i>If the response to Question VIII.W.48 is "YES," go to Question VIII.W.54.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 49. The application area has individual drain systems complying with 40 CFR § 61.346(a). <i>If the response to Question VIII.W.49 is "NO," go to Question VIII.W.51.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 50. Covers and closed-vent systems used for individual drain systems operate such that the individual drain system is maintained at a pressure less than atmospheric pressure. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 51. The application area has individual drain systems complying with 40 CFR § 61.346(b). <i>If the response to Question VIII.W.51 is "NO," go to Question VIII.W.54.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 52. Junction boxes in the individual drain systems are equipped with a system to prevent the flow of organic vapors from the junction box vent pipe to the atmosphere during normal operation. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| W. Subpart YY - National Emission Standards for Hazardous Air Pollutants for Source Categories - Generic Maximum Achievable Control Technology Standards (continued) | |
| 53. Junction box vent pipes in the individual drain systems are connected to a closed-vent system and control device. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 54. The application area contains a cyanide chemicals manufacturing process. <i>If the response to Question VIII.W.54 is "NO," go to Section VIII.X.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 55. The cyanide chemicals manufacturing process generates maintenance wastewater containing hydrogen cyanide or acetonitrile. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins | |
| 1. The application area includes thermoplastic product process units, and/or their associated affected sources specified in 40 CFR § 63.1310(a)(1) - (5), that are subject to 40 CFR Part 63, Subpart JJJ. <i>If the response to Question VIII.X.1 is "NO," go to Section VIII.Y.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area includes thermoplastic product process units and/or wastewater streams and wastewater operations that are associated with thermoplastic product process units. <i>If the response to Question VIII.X.2 is "NO," go to Section VIII.Y.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. All process wastewater streams generated or managed in the application area are from sources producing polystyrene. <i>If the response to Question VIII.X.3 is "YES," go to Section VIII.Y.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. All process wastewater streams generated or managed in the application area are from sources producing ASA/AMSAN. <i>If the response to Question VIII.X.4 is "YES," go to Section VIII.Y.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)

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| 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)

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| 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 |
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Containers

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| 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 |
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Drains

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| 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 |
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| 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 |
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| 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 |
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| 18. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a thermoplastic product process unit. <i>If the response to Question VIII.X.18 is "NO," go to Section VIII.Y.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

X. Subpart JJJ - National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins (continued)

Drains (continued)

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| 19. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that meet the criteria listed in 40 CFR § 63.149(d) and § 63.1330(b)(12). <i>If the response to Question VIII.X.19 is "NO," go to Section VIII.Y.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 20. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration greater than or equal to 10,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at any flow rate. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 21. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration greater than or equal to 1,000 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an annual average flow rate greater than or equal to 10 liters per minute. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 22. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of an thermoplastic product process unit that is a new affected source or part of a new affected source and the equipment conveys water with a total annual average concentration greater than or equal to 10 parts per million by weight of compounds meeting the definition of organic HAP in 40 CFR § 63.1312, at an average annual flow rate greater than or equal to 0.02 liter per minute | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| Y. Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | |
| 1. The application area is subject to 40 CFR Part 63, Subpart UUU - National Emission Standards for Hazardous Air Pollutants for Petroleum Refineries: Catalytic Cracking Units, Catalytic reforming Units, and Sulfur Recovery Units. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Z. Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste (MSW) Landfills. | |
| ◆ 1. The application area is subject to 40 CFR Part 63, Subpart AAAA - National Emission Standards for Hazardous Air Pollutants for Municipal Solid Waste Landfills. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) | |
| 1. The application area is located at a site that includes process units that manufacture as a primary product one or more of the chemicals listed in 40 CFR § 63.2435(b)(1). | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. The application area is located at a plant site that is a major source as defined in FCAA § 112(a). | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. The application area is located at a site that includes miscellaneous chemical manufacturing process units (MCPU) that process, use or generate one or more of the organic hazardous air pollutants listed in § 112(b) of the Clean Air Act or hydrogen halide and halogen HAP. <i>If the response to Question VIII.AA.1, AA.2 or AA.3 is "NO," go to Section VIII.BB.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 4. The application area includes process vents, storage vessels, transfer racks, or waste streams associated with a miscellaneous chemical manufacturing process subject to 40 CFR 63, Subpart FFFF. <i>If the response to Question VIII.AA.4 is "NO," go to Section VIII.BB.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) | |
| 5. The application area includes process wastewater streams. <i>If the response to Question VIII.AA.5 is "NO," go to Question VIII.AA.18.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. The application area includes process wastewater streams that are designated as Group 1 or are determined to be Group 1 for compounds listed in Table 8 of 40 CFR Part 63, Subpart G or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. The application area includes process wastewater streams that are Group 2 for compounds listed in Table 8 or Table 8 and Table 9, as appropriate, of 40 CFR Part 63, Subpart FFFF. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. All Group 1 wastewater streams at the site are demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.8 is "YES," go to Section VIII.AA.22.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 9. The site has untreated and/or partially treated Group 1 wastewater streams demonstrated to have a total source mass flow rate of less than 1 MG/yr. <i>If the response to Question VIII.AA.9 is "NO," go to Question VIII.AA.11.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 10. The application area includes waste management units that receive or manage a partially treated Group 1 wastewater stream prior to or during treatment. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 11. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an on-site treatment operation that is not owned or operated by the owner or operator of the source generating the waste stream or residual. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 12. Group 1 wastewater streams or residual removed from Group 1 wastewater streams are transferred to an off-site treatment operation. <i>If the responses to Questions VIII.AA.11 and VIII.AA.12 are both "NO," go to Question VIII.AA.18.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)

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| 13. Group 1 wastewater streams are transferred to an offsite treatment facility meeting the requirements of 40 CFR § 63.138(h). <i>If the response to Question VIII.AA.13 is "NO," go to Question VIII.AA.15.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 14. The option to document in the notification of compliance status report that the wastewater will be treated in a facility meeting the requirements of 40 CFR § 63.138(h) is elected. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 15. Group 1 wastewater streams or residuals with a total annual average concentration of compounds in Table 8 of 40 CFR Part 63, Subpart FFFF less than 50 ppmw are transferred offsite. <i>If the response to Question VIII.AA.15 is "NO," go to Question VIII.AA.17.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 16. The transferor is demonstrating that less than 5 percent of the HAP in Table 9 of 40 CFR Part 63, Subpart FFFF is emitted from waste management units up to the activated sludge unit. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 17. The application area includes waste management units that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream prior to shipment or transport. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 18. The application area includes containers that receive, manage, or treat a Group 1 wastewater stream or a residual removed from a Group 1 wastewater stream. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 19. The application area includes individual drain systems that receive or manage a Group 1 wastewater stream, or a residual removed from a Group 1 wastewater stream. <i>If the response to Question VIII.AA.19 is "NO," go to Question VIII.AA.22.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 20. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of cover and, if vented, closed vent systems and control devices. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued)

AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued)

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| 21. The application area includes individual drain systems that are complying with 40 CFR § 63.136 through the use of water seals or tightly fitting caps or plugs. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 22. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that are part of a chemical manufacturing process unit that meets the criteria of 40 CFR § 63.100(b). <i>If the response to Question VIII.AA.22 is "NO," go to Section VIII.BB.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 23. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes (that are part of a miscellaneous chemical manufacturing process unit) that meet the criteria listed in 40 CFR § 63.149(d). <i>If the response to Question VIII.AA.23 is "NO," go to Section VIII.BB.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 24. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 10,000 ppmw at any flow rate, and the total annual load of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 200 lb/yr. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 25. The application area includes drains, drain hubs, manholes, lift stations, trenches, or pipes that convey water with a total annual average concentration of compounds in table 8 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 1,000 ppmw, and the annual average flow rate is greater than or equal to 1 liter per minute. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 26. The application area includes drains, drain hubs, manholes, lift stations, trenches or pipes that are part of a chemical manufacturing process unit that is subject to the new source requirements of 40 CFR § 63.2445(a); and the equipment conveys water with a combined total annual average concentration of compounds in tables 8 and 9 of 40 CFR Part 63, Subpart FFFF is greater than or equal to 30,000 ppmw, and the combined total annual load of compounds in tables 8 and 9 to this subpart is greater than or equal to 1 tpy. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| AA. Subpart FFFF - National Emission Standards for Hazardous Air Pollutants for Miscellaneous Organic Chemical Production and Processes (MON) (continued) | |
| BB. Subpart GGGG - National Emission Standards for Hazardous Air Pollutants for: Solvent Extractions for Vegetable Oil Production. | |
| 1. The application area includes a vegetable oil production process that: is by itself a major source of HAP emissions or, is collocated within a plant site with other sources that are individually or collectively a major source of HAP emissions. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| CC. Subpart GGGGG - National Emission Standards for Hazardous Air Pollutants: Site Remediation | |
| 1. The application area includes a facility at which a site remediation is conducted. <i>If the answer to Question VIII.CC.1 is "NO," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area is located at a site that is a major source of HAP. <i>If the answer to Question VIII.CC.2 is "NO," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. All site remediation's qualify for one of the exemptions contained in 40 CFR § 63.7881(b)(1) through (6). <i>If the answer to Question VIII.CC.3 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. Prior to beginning site remediation activities it was determined that the total quantity of HAP listed in Table 1 of Subpart GGGGG that will be removed during all site remediations will be less than 1 Mg/yr. <i>If the answer to Question VIII.CC.4 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The site remediation will be completed within 30 consecutive calendar days. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. No site remediation will exceed 30 consecutive calendar days. <i>If the answer to Question VIII.CC.6 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. Site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. All site remediation materials subject to 40 CFR Part 63, Subpart GGGGG are transferred from the application area to an off-site facility. <i>If the answer to Question VIII.CC.8 is "YES," go to Section VIII.DD.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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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)

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| 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

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| 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 BBBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities

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| 1. | The application area is located at a site that is an area source of HAPs. <i>If the answer to Question EE.1 is "NO," go to Section VIII.FF.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. | The application area includes a pipeline breakout station, as defined in 40 CFR Part 63, Subpart BBBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. | The application area includes a pipeline pumping station as defined in 40 CFR Part 63, Subpart BBBBBBB. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 4. | The application area includes a bulk gasoline plant as defined in 40 CFR Part 63, Subpart BBBBBBB. <i>If the answer to Question VIII.EE.4 is "NO," go to Question VIII.EE.6.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 5. | The bulk gasoline plant was operating, prior to January 10, 2010, in compliance with an enforceable State, local or tribal rule or permit that requires submerged fill as specified in 40 CFR § 63.11086(a). | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. | The application area includes a bulk gasoline terminal, as defined in 40 CFR Part 63, Subpart BBBBBBB, not subject to the control requirements of 40 CFR Part 63, Subpart R or Subpart CC. <i>If the answer to Question VIII.EE.6 is "NO," go to Section VIII.FF.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 7. | The bulk gasoline terminal has throughput of less than 250,000 gallons per day. <i>If the answer to Question VIII.EE.7 is "YES," go to Section VIII.FF.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 8. | The bulk gasoline terminal loads gasoline into gasoline cargo tanks other than railcar cargo tanks. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 9. | The bulk gasoline terminal loads gasoline into railcar cargo tanks. <i>If the answer to Question VIII.EE.9 is "NO," go to Section VIII.FF.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 10. | The bulk gasoline terminal loads gasoline into railcar cargo tanks which do not collect vapors from a vapor balance system. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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| VIII. Title 40 Code of Federal Regulations Part 63 - National Emission Standards for Hazardous Air Pollutants for Source Categories (continued) | |
| EE. Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities (continued) | |
| 11. The bulk gasoline terminal loads gasoline into railcar cargo tanks which collect vapors from a vapor balance system and that system complies with a Federal, State, local, tribal rule or permit. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| FF. Subpart CCCCCC - National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities | |
| ◆ 1. The application area is located at a site that is an area source of hazardous air pollutants. <i>If the answer to Question VIII.FF.1 is "NO," go to Section VIII.GG.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 2. The application area includes at least one gasoline dispensing facility as defined in 40 CFR § 63.11132. <i>If the answer to Question VIII.FF.2 is "NO," go to Section VIII.GG.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ 3. The application area includes at least one gasoline dispensing facility with a monthly throughput of less than 10,000 gallons. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ 4. The application area includes at least one gasoline dispensing facility where gasoline is dispensed from a fixed gasoline storage tank into a portable gasoline tank for the on-site delivery and subsequent dispensing into other gasoline-fueled equipment. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| GG. Recently Promulgated 40 CFR Part 63 Subparts | |
| ◆ 1. The application area is subject to one or more promulgated 40 CFR Part 63 subparts not addressed on this form. <i>If the response to Question VIII.GG.1 is "NO," go to Section IX. A list of promulgated 40 CFR Part 63 subparts not otherwise addressed on OP-REQ1 is included in the instructions.</i> | <input 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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XI. Miscellaneous (continued)

B. Forms

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| ◆ | 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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|---|---|---|

D. Alternative Means of Control, Alternative Emission Limitation or Standard, or Equivalent Requirements

| | | |
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| | 1. The application area is located at a site that is subject to a site-specific requirement of the state implementation plan (SIP). | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| | 2. The application area includes units located at the site that are subject to a site-specific requirement of the SIP. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| | 3. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the EPA Administrator. <i>If the response to Question XI.D.3 is "YES," please include a copy of the approval document with the application.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| | 4. The application area includes units which demonstrate compliance by using an alternative means of control, alternative emission limitation or standard or equivalent requirements approved by the TCEQ Executive Director. <i>If the response to Question XI.D.4 is "YES," please include a copy of the approval document with the application.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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For SOP applications, answer ALL questions unless otherwise directed.

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

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XI. Miscellaneous (continued)

E. Title IV - Acid Rain Program

- | | |
|---|---|
| 1. The application area includes emission units subject to the Acid Rain Program (ARP), including the Opt-In Program. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area includes emission units qualifying for the new unit exemption under 40 CFR § 72.7. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. The application area includes emission units qualifying for the retired unit exemption under 40 CFR § 72.8. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

F. 40 CFR Part 97, Subpart EEEEE - Cross-State Air Pollution Rule (CSAPR) NO_x Ozone Season Group 2 Trading Program

- | | |
|---|---|
| 1. The application area includes emission units subject to the requirements of the CSAPR NO _x Ozone Season Group 2 Trading Program. <i>If the response to Question XI.F.1 is "NO," go to Question XI.F.7.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. The application area includes gas or oil-fired units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart H for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. The application area includes gas or oil-fired peaking units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix E for NO _x , and the monitoring requirements of 40 CFR Part 75, Appendix D for heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for NO _x and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for NO _x and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 7. The application area includes emission units that qualify for the CSAPR NO _x Ozone Season Group 2 retired unit exemption. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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XI. Miscellaneous (continued)

G. 40 CFR Part 97, Subpart FFFFF - Texas SO₂ Trading Program

- | | | |
|----|---|---|
| 1. | The application area includes emission units complying with the requirements of the Texas SO ₂ Trading Program. <i>If the response to Question XI.G.1 is "NO," go to Question XI.G.6.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 2. | The application area includes units that are complying with the CEMS requirements of 40 CFR Part 75, Subpart B for SO ₂ and 40 CFR Part 75, Subpart H for heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 3. | The application area includes gas or oil-fired units that are complying with the monitoring requirements of 40 CFR Part 75, Appendix D for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 4. | The application area includes gas or oil-fired units that are complying with the Low Mass Emissions monitoring requirements of 40 CFR § 75.19 for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 5. | The application area includes units that are complying with EPA-approved alternative monitoring system requirements of 40 CFR Part 75, Subpart E for SO ₂ and heat input. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| 6. | The application area includes emission units that qualify for the Texas SO ₂ Trading Program retired unit exemption. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

H. Permit Shield (SOP Applicants Only)

- | | | |
|----|---|---|
| 1. | A permit shield for negative applicability entries on Form OP-REQ2 (Negative Applicable Requirement Determinations) is being requested or already exists in the permit. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
|----|---|---|

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

| | | |
|--|---|---|
| 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 2. The applicant has or will generate emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div> |
| ◆ | 3. The applicant has or will generate discrete emission reductions to be credited in the TCEQ Emissions Banking and Trading Program. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <div style="text-align: right;"><input type="checkbox"/> N/A</div> |

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XI. Miscellaneous (continued)

J. Title 30 TAC Chapter 101, Subchapter H (continued)

| | | | |
|---|----|--|---|
| ◆ | 4. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area where the facilities have a collective uncontrolled design capacity to emit 10 tpy or more of NO _x . | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 5. | The application area includes an electric generating facility permitted under 30 TAC Chapter 116, Subchapter I. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 6. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area and the site has a potential to emit more than 10 tpy of highly-reactive volatile organic compounds (HRVOC) from facilities covered under 30 TAC Chapter 115, Subchapter H, Divisions 1 and 2. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 7. | The application area is located at a site in the Houston/Galveston/Brazoria nonattainment area, the site has a potential to emit 10 tpy or less of HRVOC from covered facilities and the applicant is opting to comply with the requirements of 30 TAC Chapter 101, Subchapter H, Division 6, Highly Reactive VOC Emissions Cap and Trade Program. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

K. Periodic Monitoring

| | | | |
|---|----|--|---|
| ◆ | 1. | The applicant or permit holder is submitting at least one periodic monitoring proposal described on Form OP-MON in this application. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 2. | The permit currently contains at least one periodic monitoring requirement. <i>If the responses to Questions XI.K.1 and XI.K.2 are both "NO," go to Section XI.L.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 3. | All periodic monitoring requirements are being removed from the permit with this application. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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XI. Miscellaneous (continued)

L. Compliance Assurance Monitoring

| | | |
|---|---|---|
| ◆ | 1. The application area includes at least one unit that does not meet the CAM exemptions in 40 CFR § 64.2(b) for all applicable requirements that it is subject to, and the unit has a pre-control device potential to emit greater than or equal to the amount in tons per year required in a site classified as a major source. <i>If the response to Question XI.L.1 is "NO," go to Section XI.M.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 2. The unit or units defined by XI.L.1 are using a control device to comply with an applicable requirement. <i>If the response to Question XI.L.2 is "NO," go to Section XI.M.</i> | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 3. The permit holder has submitted a CAM proposal on Form OP-MON in a previous application. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 4. The owner/operator or permit holder is submitting a CAM proposal on Form OP-MON according to the deadlines for submittals in 40 CFR § 64.5 in this application. <i>If the responses to Questions XI.L.3 and XI.L.4 are both "NO," go to Section XI.M.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| | 5. The owner/operator or permit holder is submitting a CAM implementation plan and schedule to be incorporated as enforceable conditions in the permit. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| | 6. Provide the unit identification numbers for the units for which the applicant is submitting a CAM implementation plan and schedule in the space below. | |
| ◆ | 7. At least one unit defined by XI.L.1 and XI.L.2 is using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 8. All units defined by XI.L.1 and XI.L.2 are using a CEMS, COMS or PEMS meeting the requirements of 40 CFR § 64.3(d)(2). <i>If the response to Question XI.L.8 is "YES," go to Section XI.M.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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| | | |
|---|--|---|
| 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 checked="" type="checkbox"/> NO |
| ◆ | 10. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 11. At least one of the CAM proposals as described by question XI.L.3 or XI.L.4 addresses a regulated pollutant other than particulate matter or VOC, and the emission unit has a capture system as defined in 40 CFR §64.1. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 12. The control device in the CAM proposal as described by question XI.L.3 or XI.L.4 has a bypass. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| M. Title 30 TAC Chapter 113, Subchapter D, Division 5 - Emission Guidelines and Compliance Times | | |
| ◆ | 1. The application area includes at least one air curtain incinerator that commenced construction on or before December 9, 2004. <i>If the response to Question XI.M.1 is "NO," or "N/A," go to Section XII.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A |
| ◆ | 2. All air curtain incinerators constructed on or before December 9, 2004 combust only wood waste, clean lumber, or yard waste or a mixture of these materials. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| XII. New Source Review (NSR) Authorizations | | |
| A. Waste Permits with Air Addendum | | |
| ◆ | 1. The application area includes a Municipal Solid Waste Permit or an Industrial Hazardous Waste with an Air Addendum. <i>If the response to XII.A.1 is "YES," include the waste permit numbers and issuance date in Section XII.J.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

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XII. New Source Review (NSR) Authorizations (continued)

B. Air Quality Standard Permits

| | | | |
|---|-----|--|---|
| ◆ | 1. | The application area includes at least one Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.1 is "NO," go to Section XII.C. If the response to XII.B.1 is "YES," be sure to include the standard permit's registration numbers in Section XII.H and answer XII.B.2 - B.16 as appropriate.</i> | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| ◆ | 2. | The application area includes at least one "State Pollution Control Project" Air Quality Standard Permit NSR authorization under 30 TAC § 116.617. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 3. | The application area includes at least one non-rule Air Quality Standard Permit for Pollution Control Projects NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 4. | The application area includes at least one "Installation and/or Modification of Oil and Gas Facilities" Air Quality Standard Permit NSR authorization under 30 TAC § 116.620. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 5. | The application area includes at least one non-rule Air Quality Standard Permit for Oil and Gas Handling and Production Facilities NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 6. | The application area includes at least one "Municipal Solid Waste Landfill" Air Quality Standard Permit NSR authorization under 30 TAC § 116.621. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 7. | The application area includes at least one "Municipal Solid Waste Landfill Facilities and Transfer Stations" Standard Permit authorization under 30 TAC Chapter 330, Subchapter U. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | 8. | The application area includes at least one "Concrete Batch Plant" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 9. | The application area includes at least one "Concrete Batch Plant with Enhanced Controls" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 10. | The application area includes at least one "Hot Mix Asphalt Plant" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

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XII. New Source Review (NSR) Authorizations (continued)

B. Air Quality Standard Permits (continued)

| | | |
|---|--|--|
| ◆ | 11. The application area includes at least one "Rock Crusher" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 12. The application area includes at least one "Electric Generating Unit" Air Quality Standard Permit NSR authorization. <i>If the response to XII.B.12 is "NO," go to Question XII.B.15.</i> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 13. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the East Texas Region. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 14. For purposes of "Electric Generating Unit" Air Quality Standard Permit, the application area is located in the West Texas Region. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 15. The application area includes at least one "Boiler" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| ◆ | 16. The application area includes at least one "Sawmill" Air Quality Standard Permit NSR authorization. | <input type="checkbox"/> YES <input type="checkbox"/> NO |

C. Flexible Permits

| | | |
|----|---|---|
| 1. | The application area includes at least one Flexible Permit NSR authorization. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|----|---|---|

D. Multiple Plant Permits

| | | |
|----|--|---|
| 1. | The application area includes at least one Multi-Plant Permit NSR authorization. | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
|----|--|---|

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

E. PSD Permits and PSD Major Pollutants

| | | |
|-----------------|----------------|---------------|
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |
| PSD Permit No.: | Issuance Date: | Pollutant(s): |

If PSD Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

F. Nonattainment (NA) Permits and NA Major Pollutants

| | | |
|----------------|----------------|---------------|
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |
| NA Permit No.: | Issuance Date: | Pollutant(s): |

If NA Permits are held for the application area, please complete the Major NSR Summary Table located under the Technical Forms heading at: www.tceq.texas.gov/permitting/air/titlev/site/site_experts.html.

G. NSR Authorizations with FCAA § 112(g) Requirements

| | | | |
|-----------------|----------------|-----------------|----------------|
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |
| NSR Permit No.: | Issuance Date: | NSR Permit No.: | Issuance Date: |

◆ **H. Title 30 TAC Chapter 116 Permits, Special Permits, Standard Permits, Other Authorizations (Other Than Permits By Rule, PSD Permits, NA Permits) for the Application Area**

| | | | |
|---------------------------|---------------------------|---------------------------|---------------------------|
| Authorization No.: 98806 | Issuance Date: 02/13/2024 | Authorization No.: 442400 | Issuance Date: 11/02/2016 |
| Authorization No.: 451916 | Issuance Date: 06/15/2018 | Authorization No.: 451939 | Issuance Date: 06/13/2018 |
| Authorization No.: 770 | Issuance Date: 06/27/2019 | Authorization No.: | Issuance Date: |
| Authorization No.: | Issuance Date: | 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**

A list of selected Permits by Rule (previously referred to as standard exemptions) that are required to be listed in the FOP application is available in the instructions.

| | |
|-----------------------------|---|
| PBR No.: 106.454 | Version No./Date: 11/01/2001 |
| PBR No.: 106.472 | Version No./Date: 09/04/2000 |
| PBR No.: 106.124 | Version No./Date: 09/04/2000 |
| PBR No.: 106.261 | Version No./Date: 03/14/1997 |
| PBR No.: 106.261 | Version No./Date: 12/24/1998 |
| PBR No.: 106.261 | Version No./Date: 09/04/2000 |
| PBR No.: 106.261 | Version No./Date: 11/01/2003 |
| PBR No.: 106.262 | Version No./Date: 03/14/1997 |
| PBR No.: 106.262 | Version No./Date: 09/04/2000 |
| PBR No.: 106.262 | Version No./Date: 11/01/2003 |
| PBR No.: 106.264 | Version No./Date: 09/04/2000 |
| PBR No.: 106.371 | Version No./Date: 09/04/2000 |
| PBR No.: 106.476 | Version No./Date: 09/04/2000 |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |
| PBR No.: | Version No./Date: |

◆ **J. Municipal Solid Waste and Industrial Hazardous Waste Permits With an Air Addendum**

| | |
|-------------|----------------|
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |
| Permit No.: | Issuance Date: |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|---|--|--|
| D | 4 | A32CPD750 | OP-REQ2 | 30 TAC Chapter 115, Storage of VOCs | 115.112(a)(1) | Storage capacity < 1000 gallons |
| D | 4 | A32CPD750 | OP-REQ2 | 40 CFR Part 60, Subpart Kb | 60.110b(a) | Storage capacity < 19,800 gallons |
| D | 4 | A32CPD755 | OP-REQ2 | 40 CFR Part 60, Subpart III | 60.610(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617. |
| D | 4 | A32CPD755 | OP-REQ2 | 40 CFR Part 60, Subpart RRR | 60.700(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.707. |
| D | 4 | A32CPFUPIC | OP-UA1 OP-UA12 | 40 CFR Part 61, Subpart J | 63.160(b)(2) | NESHAP J superseded by MACT H |
| D | 4 | A32CPFUPIC | OP-UA1 OP-UA12 | 40 CFR Part 61, Subpart V | 63.160(b)(2) | NESHAP V superseded by MACT H |
| D | 4 | A32CPH200 | OP-REQ2 | 30 TAC Chapter 112, Sulfur Compounds | 112.9(a) | Not a solid fossil fuel fired steam generator or a liquid fuel fired steam generator, furnace or heater. |
| D | 4 | A32CPH200 | OP-REQ2 | 30 TAC Chapter 117, Commercial | 117.303(a)(9) | Process heater with MRC < 2 MMBtu/hr |
| D | 4 | A32CPH44 | OP-UA5 | 30 TAC Chapter 112, Sulfur Compounds | 112.9(a) | Not a solid fossil fuel fired steam generator or a liquid fuel fired steam generator, furnace or heater. |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|--|
| D | 4 | A32CPK1A | OP-REQ2 | 40 CFR Part 60, Subpart III- | 60.610(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617. |
| D | 4 | A32CPK1A | OP-REQ2 | 40 CFR Part 60, Subpart RRR- | 60.700(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.707. |
| D | 4 | A32CPK1B | OP-REQ2 | 40 CFR Part 60, Subpart III- | 60.610(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617. |
| D | 4 | A32CPK1B | OP-REQ2 | 40 CFR Part 60, Subpart RRR- | 60.700(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.707. |
| D | 4 | A32CPK2A | OP-REQ2 | 40 CFR Part 60, Subpart III- | 60.610(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617. |
| D | 4 | A32CPK2A | OP-REQ2 | 40 CFR Part 60, Subpart RRR- | 60.700(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.707. |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|--|
| D | 4 | A32CPK2B | OP-REQ2 | 40 CFR Part 60, Subpart III- | 60.610(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617. |
| D | 4 | A32CPK2B | OP-REQ2 | 40 CFR Part 60, Subpart RRR- | 60.700(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.707. |
| D | 4 | A32CPRX200 | OP-REQ2 | 40 CFR Part 60, Subpart III- | 60.610(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.617. |
| D | 4 | A32CPRX200 | OP-REQ2 | 40 CFR Part 60, Subpart RRR- | 60.700(a) | Affected facility does not meet the definition of an oxidation reactor and does not produce any of the chemicals listed in 60.707. |
| D | 4 | A32CPST06C | OP-UA3 | 40 CFR Part 61, Subpart FF- | 61.340(b) | Does not contain or store benzene waste |
| D | 4 | A32CPST06C | OP-UA3 | 40 CFR Part 61, Subpart Y- | 61.270(a) | Does not store benzene |
| D | 4 | A32CPST06D | OP-UA3 | 40 CFR Part 60, Subpart Kb- | 60.110b(b) | Constructed after July 23, 1984, capacity < 39,980 gallons, and vapor pressure of material stored < 2.2psia. |
| D | 4 | A32CPST06D | OP-UA3 | 40 CFR Part 61, Subpart FF- | 61.340(b) | Does not contain or store benzene waste |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|---|
| D | 4 | A32CPST06D | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene |
| A | 13 | A32CPST25 | OP-UA3 | 30 TAC Chapter 115, Subchapter B | 115.110(a)(5) | Storage tank does not store VOCs. |
| | | A32CPST25 | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(a) | Constructed after July 23, 1984, design capacity > 39,900 gal and TVP < 0.5 psia |
| | | A32CPST25 | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste |
| | | A32CPST25 | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene |
| D | 4 | A32CPST28 | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste |
| D | 4 | A32CPST28 | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene |
| D | 4 | A32CPST28C | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(a) | Constructed after July 23, 1984, design capacity > 39,900 gal and TVP < 0.5 psia |
| D | 4 | A32CPST28C | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste |
| D | 4 | A32CPST28C | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene |
| D | 4 | A32CPST42 | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(a) | Constructed after July 23, 1984 and design capacity < 19,800 gallons |
| D | 4 | A32CPST42 | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|---|--|--|
| D | 4 | A32CPST42 | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene |
| D | 4 | A32CPST54 | OP-REQ2 | 40 CFR Part 60, Subpart NNN | 60.660(a) | Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667 |
| D | 4 | A32CPT1 | OP-REQ2 | 40 CFR Part 60, Subpart NNN | 60.660(a) | Affected facility does not meet the definition of a SOCMI distillation operation and does not produce any of the chemicals listed in 60.667 |
| A | 17 | A32CPTO500 | OP-REQ2 | 30 TAC Chapter 112, Sulfur Compounds | 112.9(a) | Not a solid fossil fuel-fired steam generator. Not a liquid fuel-fired steam generator, furnace, or heater |
| A | 18 | <i>A32CPTO500</i> | <i>OP-REQ2</i> | <i>30 TAC Chapter 112, Sulfur Compounds</i> | <i>112.8(a)</i> | <i>Not a solid fossil fuel-fired steam generator.</i> |
| | | A32CPTO500 | OP-REQ2 | 30 TAC Chapter 117, Subchapter B | 117.303(a)(4)(A) | Incinerator has capacity less than 40 MMBtu. |
| | | A32CPTO500 | OP-REQ2 | 40 CFR Part 60, Subpart D | 60.40(a)(2) | Maximum design heat input < 250 MMBtu/hr |
| | | A32CPTO500 | OP-REQ2 | 40 CFR Part 60, Subpart Da | 60.40Da(a) | Not an electric utility steam generating unit |
| | | A32CPTO500 | OP-REQ2 | 40 CFR Part 60, Subpart Db | 60.40b(a) | Heat input capacity <100 MMBtu/hr |
| | | A32CPTO500 | OP-REQ2 | 40 CFR Part 60, Subpart Dc | 60.40c(a) | No construction, reconstruction, or modification after 6/9/89 |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|--|
| A | 19 | A32CPT0500 | OP-REQ2 | 40 CFR Part 63, Subpart JJJJJJ | 63.11193 | The thermal oxidizer is a waste heat boiler and does not meet the definition of Boiler as defined in §63.11237. |
| A | 9 | A32DCCT510 | OP-REQ2 | 40 CFR Part 63, Subpart Q | 63.400(a) | Cooling tower is not operated with chromium-based water treatment chemicals. |
| A | 9 | A32DCCT510 | OP-REQ2 | 30 TAC Chapter 115, Subchapter H | 115.760(a) | Cooling tower does not emit or have the potential to emit HRVOCs. |
| A | 8 | A32DCFU430 | OP-REQ2 | 40 CFR Part 63, Subpart H | 63.160(a) | This fugitive source is not applicable to the provisions of a specific subpart under 40 CFR Part 63 that references Subpart H. |
| A | 8 | A32DCFU430 | OP-REQ2 | 30 TAC Chapter 115, Subchapter H | 115.780(a) | Fugitives do not emit or have the potential to emit HRVOCs. |
| | | A32DCST410 | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(b) | Constructed after July 23, 1984, capacity < 39,980 gallons, and vapor pressure of material stored < 2.2psia. |
| | | A32DCST410 | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste. |
| | | A32DCST410 | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene. |
| A | 6 | A32DCST410 | OP-UA3 | 40 CFR Part 63, Subpart G | 63.110(a) | Unit is not subject to 40 CFR Part 63, Subpart F. |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|--|
| | | A32DCST445 | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(b) | Constructed after July 23, 1984, capacity < 39,980 gallons, and vapor pressure of material stored < 2.2psia. |
| | | A32DCST445 | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste. |
| | | A32DCST445 | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene. |
| | | A32DCST48A | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(b) | Constructed after July 23, 1984, capacity < 39,980 gallons, and vapor pressure of material stored < 2.2psia. |
| | | A32DCST48A | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste. |
| | | A32DCST48A | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene. |
| | | A32DCST48B | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(b) | Constructed after July 23, 1984, capacity < 39,980 gallons, and vapor pressure of material stored < 2.2psia. |
| | | A32DCST48B | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste. |
| | | A32DCST48B | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene. |
| | | A32DCST48C | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(b) | Constructed after July 23, 1984, capacity < 39,980 gallons, and vapor pressure of material stored < 2.2psia. |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|---|
| | | A32DCST48C | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste. |
| | | A32DCST48C | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene. |
| A | 10 | A32DCST20 | OP-UA3 | 40 CFR Part 60, Subpart Kb | 60.110b(b) | Constructed after July 23, 1984, capacity < 39,980 gallons, and vapor pressure of material stored < 2.2 psia. |
| A | 10 | A32DCST20 | OP-UA3 | 40 CFR Part 61, Subpart FF | 61.340(b) | Does not contain or store benzene waste. |
| A | 10 | A32DCST20 | OP-UA3 | 40 CFR Part 61, Subpart Y | 61.270(a) | Does not store benzene. |
| A | 10 | A32DCST20 | OP-UA3 | 30 TAC Chapter 115, Subchapter B | 115.110(a)(5) | Storage tank does not store VOCs. |
| A | 6 | A32DCTL445 | OP-UA4 | 40 CFR Part 63, Subpart G | 63.110(a) | Unit is not subject to 40 CFR Part 63, Subpart F. |
| | | A32TO560 | OP-REQ2 | 30 TAC Chapter 111, Incineration | 111.121 | Incinerator does not combust solid waste |
| | | A32TO560 | OP-REQ2 | 30 TAC Chapter 117, Commercial | 117.303(a)(4)(A) | Incinerator has capacity less than 40 MMBtu |
| | | A32TO560 | OP-REQ2 | 40 CFR Part 60, Subpart E | 60.51(a) | Does not meet the definition of an incinerator per NSPS E |
| | | A32TO560 | OP-REQ2 | 40 CFR Part 60, Subpart O | 60.150(a) | Incinerator does not combust sewage sludge |

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

| Date | Permit No. | Regulated Entity No. |
|------------|------------|----------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit AI | Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | Potentially Applicable Regulatory Name | Negative Applicability/Superseded Requirement Citation | Negative Applicability/Superseded Requirement Reason |
|---------|--------------|---------------------------|------------------------------------|--|--|---|
| | | A32TO560 | OP-REQ2 | 40 CFR Part 61, Subpart C | 61.30(a) | Facility is not a listed stationary source |
| | | A32TO560 | OP-REQ2 | 40 CFR Part 61, Subpart E | 61.50 | Facility is not a listed stationary source |
| A | 7 | PRODCP | OP-REQ2 | 40 CFR Part 63, Subpart F | 63.100(b)(3) | The plant site is not a major source of HAPs as defined in 112(a) of the Federal Clean Air Act. |
| A | 20 | PRODCP | OP-REQ2 | 40 CFR 63, Subpart VVVVVV | 63.11494(a)(2) | The chemical manufacturing process unit (CMPU) does not meet the applicability definition in §63.11494(a)(2) because it does not use, process, or produce any of the HAPs listed in Table 1 to Subpart VVVVVV of Part 63. |

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

Table 1a: Additions

| | | |
|--|---|--------------------------|
| Date: 07/11/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | Area Name: Corteva Freeport Operations | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|--------------|---------------------------|------------------------------------|------------------|-----------|--|--|
| | A32CPSC07 | OP-UA16 | R5412-01 | VOC | 30 TAC Chapter 115, Degassing Processes | §115.412(1) §115.411(1) [G]§115.412(1)(A), (1)(C), (1)(D), (1)(E), [G](1)(F) |
| 1 | A32CPSC07 | OP-UA57 | R5460-01 | VOC | 30 TAC Chapter 115, Subchapter E, Division 6 | §115.461(b) §115.461(e) |
| | A32CPTO500 | OP-UA15 | R5121-01 | VOC | 30 TAC Chapter 115, Vent Gas Control | §115.122(a)(1) §115.121(a)(1) §115.122(a)(1)(A) |
| | A32DCST410 | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCST445 | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCST48A | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCST48B | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCST48C | OP-UA3 | R5112-01 | VOC | 30 TAC Chapter 115, Storage of VOCs | §115.111(a)(1) |
| | A32DCSU14 | OP-UA15 | R5121-01 | VOC | 30 TAC Chapter 115, Vent Gas Control | §115.127(a)(2)(A) [G]§115.122(a)(4) §115.127(a)(2) |

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

Table 1a: Additions

| | | |
|--|---|--------------------------|
| Date: 07/11/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | Area Name: Corteva Freeport Operations | |

| Revision No. | Unit/Group/Process ID No. | Unit/Group/Process Applicable Form | SOP/GOP Index No | Pollutant | Applicable Regulatory Requirement Name | Applicable Regulatory Requirement Standard(s) |
|--------------|---------------------------|------------------------------------|------------------|-----------|--|--|
| | A32DCTL445 | OP-UA4 | R5211-01 | VOC | 30 TAC Chapter 115, Loading and Unloading of VOC | §115.212(a)(1) §115.212(a)(1)(A), (a)(3)(A), (a)(3)(A)(ii), (a)(3)(B) [G]§115.212(a)(3)(C), (a)(3)(E) §115.214(a)(1)(B), (a)(1)(C) |
| | A32TO560 | OP-UA15 | R5121-01 | VOC | 30 TAC Chapter 115, Vent Gas Control | §115.122(a)(1) §115.121(a)(1) §115.122(a)(1)(A) |

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

Table 1b: Additions

| | | |
|--|---|--------------------------|
| Date: 07/11/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | Area Name: Corteva Freeport Operations | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|-------------------|-----------|--|---|------------------------|
| | A32CPSC07 | R5412-01 | VOC | [G]§115.415(1), (3) | NONE | NONE |
| 1 | A32CPSC07 | R5460-01 | VOC | NONE | §115.468(b)(2), (b)(5) §115.468(b)(3) | NONE |
| | A32CPTO500 | R5121-01 | VOC | [G]§115.125 §115.126(1), (1)(A), (1)(A)(i) §115.126(2) | §115.126 §115.126(1), (1)(A), (1)(A)(i), (2) | NONE |
| | A32DCST410 | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(6)(A), (a)(7) | NONE |
| | A32DCST445 | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(7) | NONE |
| | A32DCST48A | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(6)(A), (a)(7) | NONE |
| | A32DCST48B | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(6)(A), (a)(7) | NONE |
| | A32DCST48C | R5112-01 | VOC | [G]§115.117 | §115.118(a)(1), (a)(5), (a)(6)(A), (a)(7) | NONE |
| | A32DCSU14 | R5121-01 | VOC | [G]§115.125 §115.126(2) | §115.126 §115.126(2) §115.126(4) | NONE |

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

Table 1b: Additions

| | | |
|--|---|--------------------------|
| Date: 07/11/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | Area Name: Corteva Freeport Operations | |

| Revision No. | Unit/Group/Process ID No. | SOP/GOP Index No. | Pollutant | Monitoring and Testing Requirements | Recordkeeping Requirements | Reporting Requirements |
|--------------|---------------------------|-------------------|-----------|---|--|------------------------|
| | A32DCTL445 | R5211-01 | VOC | §115.212(a)(3)(B) §115.214(a)(1)(A), (a)(1)(A)(i)-(iii) §115.215, (1), [G](2), (4), (9), (10) §115.216(1), (1)(A), (1)(A)(i) | §115.216, (1), (1)(A), (1)(A)(i), (2), (3)(A), (3)(A)(i)-(iii), (3)(B) | NONE |
| | A32TO560 | R5121-01 | VOC | [G]§115.125 §115.126(1), (1)(A), (1)(A)(i) §115.126(2) | §115.126 §115.126(1), (1)(A), (1)(A)(i) §115.126(2) | NONE |

Compliance Certification Forms

Introduction

The following compliance certification forms are being submitted electronically via STEERS:

- Form OP-ACPS
- Form OP-MON

Texas Commission on Environmental Quality
Form OP-ACPS
Application Compliance Plan and Schedule

| | | |
|--|--|---|
| Date: 07/11/2024 | Regulated Entity No.: RN110746757 | Permit No.: O2206 |
| Company Name: Corteva Agriscience LLC | | Area Name: Corteva Freeport Operations |

- Part 1 of this form must be submitted with all initial FOP applications and renewal applications.
- The Responsible Official must use Form OP-CRO1 (Certification by Responsible Official) to certify information contained in this form in accordance with 30 TAC § 122.132(d)(8).

Part 1

| | |
|--|---|
| A. Compliance Plan — Future Activity Committal Statement | |
| <p>The <i>Responsible Official</i> commits, utilizing reasonable effort, to the following: As the responsible official it is my intent that all emission units shall continue to be in compliance with all applicable requirements they are currently in compliance with, and all emission units shall be in compliance by the compliance dates with any applicable requirements that become effective during the permit term.</p> | |
| B. Compliance Certification - Statement for Units in Compliance* (Indicate response by entering an "X" in the appropriate column) | |
| 1. With the exception of those emission units listed in the Compliance Schedule section of this form (Part 2, below), and based, at minimum, on the compliance method specified in the associated applicable requirements, are all emission units addressed in this application in compliance with all their respective applicable requirements as identified in this application? | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| 2. Are there any non-compliance situations addressed in the Compliance Schedule Section of this form (Part 2)? | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| 3. If the response to Item B.2, above, is "Yes," indicate the total number of Part 2 attachments included in this submittal. <i>(For reference only)</i> | |
| <p>* 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
Monitoring Requirements
Form OP-MON (Page 7)
Federal Operating Permit Program
Table 2c: CAM/PM Case-By-Case Deletions**

| |
|--|
| I. Identifying Information |
| Account No.: BL-A060-H |
| RN No.: RN110746757 |
| CN: CN601287600 |
| Permit No.: O2206 |
| Project No.: TBA |
| Area Name: Corteva Freeport Operations |
| Company Name: Corteva Agriscience LLC |
| II. Unit/Emission Point/Group/Process Information |
| Revision No.: 4 |
| Unit/EPN/Group/Process ID No.: A32CPH44 |
| Applicable Form: N/A |
| III. Applicable Regulatory Requirement |
| Name: 30 TAC Chapter 117, Subchapter B |
| SOP/GOP Index No.: R7ICI-01 |
| Pollutant: CO |
| Main Standard: §117.310(c)(1) |
| IV. Title V Monitoring Information |
| Monitoring Type: PM |
| V. Control Device Information |
| Control Device ID No.: N/A |
| Control Device Type: N/A |
| VI. Type of Deletion |
| Monitoring Requirement: Delete |
| Control Device: |

PBR Supplemental Table

Introduction

The supplemental forms are being submitted electronically via STEERS:

- Form OP-PBRSUP

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 |
|------------|---------------|-------------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit ID No. | Registration No. | PBR No. | Registration Date |
|-------------|------------------|---------|-------------------|
| A32CPTO500 | 175948 | 106.472 | 05/07/2024 |
| A32DCTL445 | 175948 | 106.472 | 05/07/2024 |
| A32TO560 | 175948 | 106.472 | 05/07/2024 |
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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 |
|------------|---------------|-------------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit ID No. | PBR No. | Version No./Date |
|-------------|---------|------------------|
| A32CPSC07 | 106.454 | 11/01/2001 |
| A32CPST25 | 106.472 | 09/04/2000 |
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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 |
|------------|---------------|-------------------------|
| 07/11/2024 | O2206 | RN110746757 |

| PBR No. | Version No./Date |
|---------|------------------|
| n/a | n/a |
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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 |
|------------|---------------|-------------------------|
| 07/11/2024 | O2206 | RN110746757 |

| Unit ID No. | PBR No. | Version No./Date Or Registration No. | Monitoring Requirement |
|-------------|---------|--------------------------------------|--|
| A32CPSC07 | 106.454 | 11/01/2001 | Maintain monthly records of gross solvent usage, solvent disposal, total solvent makeup; Store all waste solvent in covered containers until emptying for waste disposal; Collect all porous / absorbent materials for degreasing, ensure that all porous / absorbent materials are kept from degreasing; Inspect the equipment monthly, shutdown the degreaser if leakage occurs, and repair all leaks immediately; Inspect the proper operating procedures label on or near the degreaser monthly. |
| A32CPST25 | 106.472 | 09/04/2000 | Maintain loading records including material names, material SDS, and records of visible emission observations. |
| A32CPTO500 | 106.472 | 175948 | Maintain records of visible emission observations. |
| A32DCTL445 | 106.472 | 175948 | Maintain loading records including material names, material SDS, and records of visible emission observations. |
| A32TO560 | 106.472 | 175948 | Maintain records of visible emission observations. |
| | | | |
| | | | |

Form APD-EXP Expedited Permitting Request

| | |
|---|---|
| I. Contact Information | |
| Company or Other Legal Customer Name: Corteva Agriscience LLC | |
| Customer Reference Number (CN): CN601287600 | |
| Regulated Entity Number (RN): RN110746757 | |
| Company Official or Technical Contact Name: John Phillips | |
| Phone Number: 515-535-1401 | |
| Email: john.phillips-1@corteva.com | |
| II. Project Information | |
| Facility Type: Title V Site Operating Permit (SOP) | |
| Permit Number: O2206 | |
| Project Number: TBA | |
| III. Economic Justification | |
| The purpose of the application associated with this request to expedite will benefit the economy of this state or an area of this state. | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| IV. Delinquent Fees and Penalties | |
| Applications will not be expedited if any delinquent fees and/or penalties are owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ. For more information regarding Delinquent Fees and Penalties, go to the TCEQ Web site at: www.tceq.texas.gov/agency/delin/index.html . | |
| V. Signature | |
| The signature below confirms that I have knowledge of the facts included in this application and that these facts are true and correct to the best of my knowledge and belief. As the applicant, I commit to fulfilling all expectations of the expedited permitting program and application requirements promptly. Failure to meet any expectation or requirement may cause my application to be removed from the expedited permitting program and possibly voided at the discretion of the TCEQ Executive Director. The signature further signifies awareness that intentionally or knowingly making or causing to be made false material statements or representations in the application is a criminal offense subject to criminal penalties. | |
| Name: John Phillips | |
| Signature: <i>John D. Phillips, III</i> | |
| Date: July 11, 2024 | |

**Air Permit Division Air Permit Support (APD-APS) Air Permitting Surcharge Payment
Texas Commission on Environmental Quality**

| |
|---|
| I. Contact Information |
| Company or Other Legal Customer Name: Corteva Agriscience LLC |
| Customer Reference Number (CN): CN601287600 |
| Regulated Entity Number (RN): RN110746757 |
| Company Official or Technical Contact Information |
| <input checked="" type="checkbox"/> Mr. <input type="checkbox"/> Mrs. <input type="checkbox"/> Ms. <input type="checkbox"/> Dr. <input type="checkbox"/> Other: |
| Name: John Phillips |
| Title: Freeport Site Leader |
| Mailing Address: 2301 North Brazosport Blvd. |
| City: Freeport |
| State: Texas |
| ZIP Code: 77541 |
| Telephone Number: 515-535-1401 |
| E-mail Address: john.phillips-1@corteva.com |
| II. Project Information |
| Facility Name: Corteva Freeport Operations |
| Permit Number: O2206 |
| Project Number: TBA |
| III. Surcharge Payment |
| Project Type: Title V Site Operating Permit (SOP) |
| Fee Amount: \$10,000 |
| Check, Money Order, Transaction Number, and/or ePay Voucher Number: <i>(below)</i> |
| |
| Paid Online: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| Company Name on Check: |

Texas Commission on Environmental Quality

Title V Existing

2206

Site Information (Regulated Entity)

| | |
|---|-----------------------------------|
| What is the name of the permit area to be authorized? | CORTEVA FREEPORT OPERATIONS |
| Does the site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 2301 N BRAZOSPORT BLVD |
| City | FREEPORT |
| State | TX |
| ZIP | 77541 |
| County | BRAZORIA |
| Latitude (N) (##.#####) | 28.951388 |
| Longitude (W) (-###.#####) | 95.316944 |
| 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)? | RN110746757 |
| What is the name of the Regulated Entity (RE)? | CORTEVA FREEPORT OPERATIONS |
| Does the RE site have a physical address? | Yes |
| Physical Address | |
| Number and Street | 2301 N BRAZOSPORT BLVD BLDG A3210 |
| City | FREEPORT |
| State | TX |
| ZIP | 77541 |
| County | BRAZORIA |
| Latitude (N) (##.#####) | 28.984158 |
| Longitude (W) (-###.#####) | -95.377954 |
| Facility NAICS Code | |
| What is the primary business of this entity? | |

Customer (Applicant) Information

| | |
|--|-------------------------|
| How is this applicant associated with this site? | Owner Operator |
| What is the applicant's Customer Number (CN)? | CN601287600 |
| Type of Customer | Corporation |
| Full legal name of the applicant: | |
| Legal Name | Corteva Agriscience LLC |
| Texas SOS Filing Number | 702845223 |
| Federal Tax ID | |
| State Franchise Tax ID | 13517811181 |
| State Sales Tax ID | |

Local Tax ID
DUNS Number
Number of Employees 0-20
Independently Owned and Operated?

Responsible Official Contact

Person TCEQ should contact for questions about this application:

| | |
|--|---|
| Organization Name | CORTEVA AGRISCIENCE LLC |
| Prefix | MR |
| First | RALPH |
| Middle | |
| Last | FORD |
| Suffix | |
| Credentials | |
| Title | VICE PRESIDENT CROP PROTECTION OPERATIONS |
| Enter new address or copy one from list: | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 9330 ZIONSVILLE RD |
| Routing (such as Mail Code, Dept., or Attn:) | BLDG 308 |
| City | INDIANAPOLIS |
| State | IN |
| ZIP | 46268 |
| Phone (###-###-####) | 4632099806 |
| Extension | |
| Alternate Phone (###-###-####) | |
| Fax (###-###-####) | |
| E-mail | ralph.ford@corteva.com |

Duly Authorized Representative Contact

Person TCEQ should contact for questions about this application

| | |
|--|------------------------------------|
| Select existing DAR contact or enter a new contact. | JOHN PHILLIPS(CORTEVA AGRISCI...) |
| Organization Name | CORTEVA AGRISCIENCE LLC |
| Prefix | MR |
| First | JOHN |
| Middle | |
| Last | PHILLIPS |
| Suffix | |
| Credentials | |
| Title | FREEPORT FACILITY LEADER |
| Enter new address or copy one from list | |
| Mailing Address | |
| Address Type | Domestic |
| Mailing Address (include Suite or Bldg. here, if applicable) | 2301 N BRAZOSPORT BLVD |

applicable)

Routing (such as Mail Code, Dept., or Attn:)

City

State

Zip

Phone (###-###-####)

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

B-7701

FREEPORT

TX

77541

5155351401

john.phillips-1@corteva.com

Technical Contact

Person TCEQ should contact for questions about this application:

Select existing TC contact or enter a new contact.

SHARAREH RAFATI(CORTEVA AGRISCI...)

Organization Name

CORTEVA AGRISCIENCE LLC

Prefix

MS

First

SHARAREH

Middle

Last

RAFATI

Suffix

Credentials

Title

ENVIRONMENTAL SPECIALIST

Enter new address or copy one from list:

Mailing Address

Address Type

Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

2301 N BRAZOSPORT BLVD

Routing (such as Mail Code, Dept., or Attn:)

B-7701

City

FREEPORT

State

TX

ZIP

77541

Phone (###-###-####)

5155351405

Extension

Alternate Phone (###-###-####)

Fax (###-###-####)

E-mail

sharareh.rafati@corteva.com

Title V General Information - Existing

1) Permit Type:

SOP

2) Permit Latitude Coordinate:

28 Deg 57 Min 5 Sec

3) Permit Longitude Coordinate:

95 Deg 19 Min 1 Sec

4) Is this submittal a new application or an update to an existing application?

New Application

4.1. What type of permitting action are you applying for?

Renewal

4.1.1. Are there any permits that should be voided upon issuance of this permit application through permit conversion?

No

| | |
|---|--------------------------------|
| 4.1.2. Are there any permits that should be voided upon issuance of this permit application through permit consolidation? | No |
| 5) Who will electronically sign this Title V application? | Duly Authorized Representative |
| 6) Does this application include Acid Rain Program or Cross-State Air Pollution Rule requirements? | No |

Title V Attachments Existing

| | |
|---|--|
| Attach OP-1 (Site Information Summary) | |
| Attach OP-2 (Application for Permit Revision/Renewal) | |
| Attach OP-ACPS (Application Compliance Plan and Schedule) | |
| Attach OP-REQ1 (Application Area-Wide Applicability Determinations and General Information) | |
| Attach OP-REQ2 (Negative Applicable Requirement Determinations) | |
| Attach OP-REQ3 (Applicable Requirements Summary) | |
| Attach OP-PBRSUP (Permits by Rule Supplemental Table) | |
| Attach OP-SUMR (Individual Unit Summary for Revisions) | |
| Attach OP-MON (Monitoring Requirements) | |
| Attach OP-UA (Unit Attribute) Forms | |
| If applicable, attach OP-AR1 (Acid Rain Permit Application) | |
| Attach OP-CRO2 (Change of Responsible Official Information) | |
| Attach OP-DEL (Delegation of Responsible Official) | |
| Attach any other necessary information needed to complete the permit. | |
| [File Properties] | |
| File Name | Request for Expedited Processing_O2206_7.11.2024_SIGN.pdf |
| Hash | B4A837F24187CAE9B9399E6B91C6F22FC67D7DEB9F4F20AB1FE38B2879828FDA |
| MIME-Type | application/pdf |
| [File Properties] | |
| File Name | Title V Renewal_O2206_07.11.2024v2_SIGNED.pdf |
| Hash | 789BCA7B89D875216C75E05E91115F093721FCA6588133D4898E36F44755E7D5 |
| 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? | Yes |
| 1.1. Can the applicant demonstrate that the purpose of this application will benefit the economy of this state or an area of this state? | Yes |
| 1.2. Select the applicable expedited surcharge. | \$10,000 |

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 John D Phillips III, the owner of the STEERS account ER084797.

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 2206.

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: John D Phillips III OWNER OPERATOR

| | |
|--------------------------------------|--|
| Account Number: | ER084797 |
| Signature IP Address: | 73.115.36.125 |
| Signature Date: | 2024-07-11 |
| Signature Hash: | 48790801D8FF4357A9CCF99BC6A4BBD9BDE2A773C4C997D09565CC21F823D6E8 |
| Form Hash Code at time of Signature: | CB68269F639C77AD1D5040B45BE7BF88ADAEFB606FA3500C729B93FDDCFC2A44 |

Fee Payment

| | |
|-----------------------------|--|
| Transaction by: | The expedited fee payment transaction was made by ER084797/John D Phillips III |
| Paid by: | The expedited fee was paid by JOHN PHILLIPS |
| Fee Amount: | \$10000.00 |
| Paid Date: | The expedited fee was paid on 2024-07-11 |
| Transaction/Voucher number: | The transaction number is 582EA000617218 and the voucher number is 712700 |

Submission

| | |
|-------------------|--|
| Reference Number: | The application reference number is 666283 |
|-------------------|--|

Submitted by:

The application was submitted by
ER084797/John D Phillips III

Submitted Timestamp:

The application was submitted on 2024-07-11
at 16:17:18 CDT

Submitted From:

The application was submitted from IP address
73.115.36.125

Confirmation Number:

The confirmation number is 550516

Steers Version:

The STEERS version is 6.79

Permit Number:

The permit number is 2206

Additional Information

Application Creator: This account was created by Oscar F Perez