Form OP-UA60 - Instructions
Chemical Manufacturing/Elastomer/Thermoplastic Process Unit Attributes
Texas Commission on Environmental Quality

The unit attributes (OP-UA) forms are used to provide a description and data pertaining to all emission units, emission points, processes and control devices with potentially applicable requirements associated with a particular regulated entity (RN) number and application. The information will be provided in an excel format. Each OP-UA form will include sheets for General Information, a Table of Contents, OP-SUM, OP-REQ2, and the unit attribute tables. The individual unit summary (OP-SUM) information and the negative applicable/superseded requirement determinations (OP-REQ2) will be provided on each individual OP-UA form for the applicable units identified in the unit attribute tables.

General Information Sheet

The General Information sheet holds the permit information. The following permit application information is requested for the site:

Date:
Enter the date the application is being submitted by the applicant to TCEQ (MM/DD/YYYY). Any subsequent submittals must show the date of revision.

Customer Reference No. (CN):
Enter the customer reference number (CNXXXXXXXXX). This number is issued by TCEQ as part of the central registry process. If a customer reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

Regulated Entity No. (RN):
Enter the regulated entity reference number for the site (RNXXXXXXXXX). This number is issued by TCEQ as part of the central registry process. If a regulated entity reference number has not yet been issued, leave this space blank. Do not enter permit numbers, project numbers, account numbers, etc., in this space.

Permit No.:
Enter the permit number assigned by TCEQ. Leave the permit number blank if a permit number has not been assigned.

Permit Area Name:
Enter the name of the application area (maximum 50 characters). This should be the same name provided on Form OP-1 (Site Information Summary).

Permit Type:
Choose the type of permit for which this application is being submitted from the dropdown menu (SOP, GOP, TOP). Information on the different permit types can be found on TCEQ's website at: www.tceq.texas.gov/permitting/air/titlev/permit_types.html.

Project Type:
Choose the project type for which this application is being submitted from the dropdown menu (Initial, Revision, Renewal).

Submission Type:
Choose the submission type for which this form is being submitted from the dropdown menu (New Application, Existing Application Update).

Project Number:
Enter the project number assigned by TCEQ. Leave the project number blank if a project number has not been assigned.

Title V Form Release Date, Form Number, APD ID Number, and Version Revised Date are present and cannot be altered.

Table of Contents Sheet

The Table of Contents lists all the sheets in the UA Form. If information is submitted on the OP-SUM, OP-REQ2 or the Unit Attribute tables, the "Data Submitted" column will display a "Yes". If no information is submitted, the "Data Submitted" column will remain blank. The Table of Contents information is auto populated. Applicants will not need to submit any information in the Table of Contents.

Instructions for OP-SUM Sheet

General:
All processes with one or more potentially applicable requirements addressed in this form must be identified on the OP-SUM sheet. The term "process" refers to a collection of units or devices that have a physical relationship, or source cap, where a regulatory requirement is potentially applicable to the process as a whole.

The purpose of this sheet is to list individual processes addressed in the Federal Operating Permit (FOP) application and to provide identifying information and preconstruction authorizations. This form is also used to designate members of groups.

The corresponding preconstruction authorization for process must also be listed on this form. For processes which were authorized to construct or modify under Permits by Rule (PBR), list all applicable PBR information, including registration numbers. If a process is authorized under more than one preconstruction authorization, then list all applicable preconstruction authorizations, including any Prevention of Significant Deterioration (PSD) and/or nonattainment permit(s).

Groups:
- A "group" is a collection of units/processes or devices that have identical applicability (or non-applicability) determinations and may, or may not, have a physical relationship.
- Group members may have different 30 TAC Chapter 116 or 30 TAC Chapter 106 preconstruction authorizations.
- Groups may be used on UA forms only if all unit attributes are identical.
- All groups must be mutually exclusive. Processes cannot be listed in more than one group on a given UA form.
- Grouping is optional.
- Groups are assigned an ID No. by the applicant, which must begin with the prefix "GRP" followed by a maximum of eleven characters (GRP*XXXXXXX*).

Processes:
- A "process" is a quasi-unit representing a collection of units or devices that have a physical relationship and for which a regulatory requirement applies to the process as a whole.
- Individual units in a process do not need to be identified unless they have potentially applicable requirements unto themselves. Those individual units should be listed on the appropriate OP-UA form.

Specific:

Table 1

Unit Action Indicator (Unit AI):
Select "A" from the dropdown menu if the process indicated is an addition to the permit. Select "D" from the dropdown menu if the existing process indicated is being deleted from the permit. If the process is not being added/deleted from the permit, leave blank.

Revision No.:
Complete this section only for a permit revision or renewal. Enter the revision number identified on Form OP-2, Table 2. This number will link the specified change to the appropriate permit revision. If no changes are made to a process in the permit, leave blank.

Process ID No.:
Each process must be assigned an identification number. (Maximum 14 characters)

- Processes are assigned an ID No. by the applicant, which must begin with the prefix "PRO" followed by a maximum of eleven characters (PRO*XXXXXXX*).

Group ID No.:
If applicable, enter the unique identification number for the group which includes this process (GRP*XXXXXXX*) ("GRP" followed by a maximum of 11 characters) If the process is not a member of a group, leave this column blank. (See general instructions, above, for information regarding requirements for grouping processes in FOP applications.)

Process Name/Description:
Each process must be given a name or description that distinguishes it from other processes as much as practicable. The Name/Description should clearly indicate the type of process. (Maximum 50 characters)

- Enter a text name or description for the process from STARS whenever possible.
- If no STARS name currently exists, a new name that is consistent with the existing naming convention must be provided by the applicant.

Example: The following example is intended as guidance on completion of columns on OP-SUM. It should be assumed that all criteria for inclusion in the application are met. Criteria for grouping are also assumed to be satisfied.

Process ID No.	Group ID No.	Name/Description
PRO-COAT1	GRPCOATING	Surface Coating Line 1
PRO-COAT2	GRPCOATING	Surface Coating Line 2
PRO-COAT3		Surface Coating Line 3

CAM (For reference only):
Indicate if the process is subject to 40 CFR Part 64 by selecting "Y" from the dropdown menu in the "CAM" column next to the process. Please refer to 40 CFR Part 64 to determine applicability. *Certification by the Responsible Official (RO) pursuant to 30 TAC § 122.165 does not extend to the information which is designated on forms as "For reference only."*

Preconstruction Authorizations (PCA):
At least one PCA must be indicated for each process; however, a process may have multiple authorizations. *All preconstruction authorizations listed on this form must also be identified on Form OP-REQ1.*
When a process has multiple authorizations, each PCA must be listed in a separate row.

The following examples are intended as guidance on completion of columns for the preconstruction authorizations. The examples are followed by specific instructions for each column.

Example 1: Adding multiple PCA Categories

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
A		Flare1		Diamine Flare	Y	A	NSR Permit	1234		
A		Flare1		Diamine Flare	Y	A	PSD	PSDTX1234		
A		Flare1		Diamine Flare	Y	A	PBR	23456, 34567	106.261	11/01/2003
A		Flare1		Diamine Flare	Y	A	PBR	23456, 34567	106.262	11/01/2003

Example 2: Adding and deleting a PCA

Unit AI	Revision No.	Unit ID No.	Group ID No.	Unit Name/Description	CAM	PCA AI	Preconstruction Authorization (PCA) Category	Authorization/ Registration Number	Permit By Rule (PBR) Number	PBR Effective Date
		T-3	GRPTANKS	Tank 3		A	Standard Permit	12345		
		T-3	GRPTANKS	Tank 3		D	PBR		106.432	09/04/2000

Preconstruction Authorization Action Indicator (PCA AI):
Select "A" from the dropdown menu if a preconstruction authorization is being added for the process. Select "D" from the dropdown menu if a preconstruction authorization is being deleted from the process. If a preconstruction authorization is not being added/deleted from the process, leave blank.

Preconstruction Authorization (PCA) Category:
Select from the dropdown menu the category of the PCA being added or deleted.

- PBR - Permit by Rule claimed or registered under 30 TAC Chapter 106
- Standard Permit - 30 TAC Chapter 116 and non-rule Air Quality Standard Permits
- NSR Permit - 30 TAC Chapter 116 preconstruction authorizations
- PSD - Prevention of Significant Deterioration Permits
- Nonattainment - Nonattainment Permits
- GHG – Greenhouse Gas Permits
- 112(G) [HAP] - Hazardous Air Pollutant Permits
- MSW or IHW - Municipal Solid Waste or Industrial Hazardous Waste Permits
- Exemption – De Minimis Facilities or Sources authorized by 30 TAC Chapter 116, § 116.119

Authorization/Registration Number:
List all TCEQ permit numbers for 30 TAC Chapter 116 preconstruction authorizations, Title I preconstruction authorizations (PSD and nonattainment permits) and 30 TAC Chapter 106 (PBR) registration numbers, under which the process is operating.

- **30 TAC Chapter 116 Permits:** Enter the TCEQ permit number, for example, 12345. This includes special permits and standard permit registrations.
- **Prevention of Significant Deterioration (PSD) Permit:** Enter the PSD permit number (PSDTX*XXX*), for example, PSDTX123. If the PSD permit has been modified, include the "M" suffix (PSDTX*XXX*M*XX*), for example, PSDTX123M5. *Title I authorizations should only be listed for processes addressed by the PSD or nonattainment permits.*
- **Nonattainment Permit:** Enter each nonattainment permit number (N*XXX*), for example, N123. If the nonattainment permit has been modified, include the "M" suffix (N*XXX*M*XX*), for example, N123M5. *Title I authorizations should only be listed for processes addressed by the PSD or nonattainment permits.*
- **Permit by Rule (previously Standard Exemption):** Enter the PBR Registration No. for each PBR registered under 30 TAC Chapter 106 and each standard exemption previously registered under 30 TAC Chapter 116.
- **Exemption:** Enter 116.119 for a de minimis facility or source, which has other potentially applicable or applicable requirements (these are authorized by 30 TAC Chapter 116, § 116.119). *De minimis facilities or sources should not be included if there are no other potentially applicable or applicable requirements.*

Permit by Rule (PBR) Number:
For each PBR claimed or registered under 30 TAC Chapter 106, and each standard exemption claimed or registered previously under 30 TAC Chapter 116, enter the number in the appropriate format shown below.

Note: All processes authorized by PBR must also be identified on Form OP-PBRSUP.

Format	PBR/standard exemption claimed or registered date
106.*XXX*	Authorized on or after March 14, 1997 (except 106.181 is on or after December 27, 1996)
XXX	Authorized prior to March 14, 1997

XXX = 30 TAC Chapter 116 standard exemption number or 30 TAC Chapter 106 PBR number.

PBR Effective Date:

For each PBR claimed or registered under 30 TAC Chapter 106 and each standard exemption claimed or registered, enter the effective date of the rule. *MM/DD/YYYY = Effective date of the Standard Exemption or PBR in effect at the time claimed or granted. Information on version dates is available at:*

Information on Chapter 116 version dates is available at:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html.
Information on Chapter 106 version dates is available at:
www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html.

Please note that prior to March 14, 1997, a standard exemption list was incorporated by reference into 30 TAC Chapter 116 and each standard exemption had an assigned number, e.g., 112. Each standard exemption now resides in a section of 30 TAC Chapter 106 (e.g., 30 TAC § 106.148) and now is referred to as a PBR.

(Standard exemptions were readopted under the PBR designation on March 14, 1997.) Information regarding PBRs may be found on the TCEQ website at https://www.tceq.texas.gov/permitting/air/permitbyrule/air-pbr.

The applicant has the option of claiming a newer and more stringent version of the standard exemption or PBR if the original applicable version of the standard exemption or PBR cannot easily be determined. As an example of a standard exemption authorized before March 14, 1997, Standard Exemption No. 6 had an effective date of August 30, 1988. It was then amended with a new effective date of July 20, 1992. The standard exemption identifier for a compressor engine constructed in 1993 and registered under Standard Exemption No. 6 would be represented as:

Permit By Rule (PBR) Number	PBR Effective Date
6	07/20/1992

As an example of a PBR authorized on or after March 14, 1997, Standard Exemption No. 6 had an effective date of June 7, 1996. It was then amended and moved to 30 TAC § 106.512 with an effective date of March 14, 1997. The PBR identifier for a compressor engine constructed in 1998 and registered under 30 TAC § 106.512 would be represented as:

Permit By Rule (PBR) Number	PBR Effective Date
106.512	03/14/1997

Instructions for OP-REQ2 Sheet

General:

The purpose of this sheet is to document negative applicability from potentially applicable requirements or to document duplicative, redundant, and or contradicting requirements that have been superseded by a more stringent or equivalent requirement for processes when a permit shield is requested. Negative applicability or superseded requirement determinations when a permit shield is NOT requested may be documented on this sheet OR the appropriate unit attribute table.

A negative applicability determination is any regulatory citation that provides the basis whereby every operating condition of a process is not subject to a regulation. For example, Title 40 Code of Federal Regulation § 60.110b(a) [40 CFR § 60.110b(a)] could be the regulatory basis for a negative applicability determination for a VOC storage tank of less than 75 cubic meters; therefore, the storage tank is completely exempt from 40 CFR Part 60, Subpart Kb.

Note: Numerous regulatory citations appear to authorize exemptions to qualifying processes from those regulations. However, closer examination typically reveals that there are still some requirements which must still be met (such as monitoring and/or recordkeeping).

For certain processes subject to certain 40 CFR Part 63 standards, other federal regulations may apply. In many instances one of the overlapping regulations may specify which rule supersedes the other. The regulation may state that the owner or operator only has to comply with a specific subpart after the compliance date or it may state that compliance with the subpart is deemed to be in or constitute compliance with other subparts. Although superseded rules do not qualify as negative applicability determinations, it has been determined that these instances can be documented on the OP-REQ2, if the applicant elects to comply only with the superseding requirement. For example, a surface coating process subject to 40 CFR Part 63, Subpart IIII, may not be required to comply with 40 CFR Part 63, Subpart PPPP due to rule overlap of 40 CFR Part 63, Subpart IIII. In this case, the permit applicant may request a permit shield from 40 CFR Part 63, Subpart PPPP. In this case, the applicant must submit the superseding requirement citation §63.4481(d), and a textual description of the superseding determination, if they elect to comply with only the superseding requirement.

When a process has one or more potential applicable requirements, the applicant must list all the requirements for which negative applicability or superseded requirement determinations can be made. Once the negative applicability or superseded requirement determinations have been made, indicate the citation and reason for the non-applicability or superseded requirement in the appropriate columns. Indicate the determinations for all potentially applicable requirements for each process before listing the next process.

Negative applicability or superseded requirement determinations for potentially applicable requirements, confirmed by TCEQ, may be approved as a permit shield (see instructions outlined in Area Wide Applicability Determinations, Form OP-REQ1, to request a permit shield). If a permit shield is requested, the determinations are always required on the OP-REQ2 sheet. For additional information relating to permit shields, refer to the TCEQ guidance document entitled “Site Operating Permit (SOP) Permit Shield Guidance found on TCEQ’s website at: www.tceq.texas.gov/permitting/air/guidance/titlev/tv_site_guidance.html.

Specific:

Fill out the OP-REQ2 sheet to provide a negative applicability determination for processes included on this OP-UA form. If the process is not submitted on an OP-UA form, submit the negative applicability determination on the standalone OP-REQ2 form.

Unit Action Indicator (AI):
Complete this section only for a permit revision or renewal. Select “A” from the dropdown menu if the negative applicability or superseded requirement is an addition to the permit. Select “D” from the dropdown menu if the negative applicability or superseded requirement is being deleted from the permit. For revisions to existing negative applicability or superseded requirements in the permit, use the "D" indicator for the existing permit shield and the "A" indicator for the revised permit shield.

Revision No.:
Complete this section only for a permit revision or renewal. Enter the revision number identified on Form OP-2, Table 2 (only for revision items within the application). This number will link the specific negative applicable requirement determination to the appropriate revision.

Process ID No.:
Select the identification number (ID No.) (maximum 14 characters) of the process as listed on the OP-SUM sheet.

Potentially Applicable Regulatory Name:
Select the name of the potentially applicable requirement from the dropdown menu for which negative applicability or superseded requirement is being demonstrated. If the potentially applicable regulatory name is not found in the dropdown menu, enter it manually (maximum 50 characters).

Note: Permit shields cannot be granted for permit authorizations of any kind (i.e. - PSD, NSR permit, Acid Rain, etc.).

Negative Applicability or Superseded Requirement Citation:
Enter the citation of the paragraph of the rule that was used to determine negative applicability or superseded requirements. Provide the citation detail to the level of the paragraph allowing the exemption, exclusion, or non-applicability. If there is more than one citation for determining negative applicability or superseded requirements, select the most appropriate or the clearest (least likely to be misinterpreted). Negative applicability or superseded requirement determinations by the applicant are subject to auditing during the permit application review. The applicant must always indicate the negative applicability or superseded requirement citation on the OP-REQ2. For examples on the level of detail for citations, see table below (maximum 36 characters).

Example Applicable Regulatory Requirements*

Regulation	**Potentially Applicable Regulatory Name** *(Input Format)*	**Negative Applicability or Superseded Requirement Citation** *(Input Format)*
30 TAC Chapters 111, 112, 113, 115 and 117	Chapter 111	§ 111.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 112	§ 112.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 113	§ 113.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 115, Storage of VOCs	§ 115.*XXX*(*x*)(*yy*)(*zz*)
	Chapter 117, ICI	§ 117.*XXX*(*x*)(*yy*)(*zz*)
40 CFR Part 60, Subparts, New Source Performance Standards (NSPS)	NSPS *XXX*	§ 60.*XXX*(*x*)(*yy*)(*zz*)
40 CFR Part 61, Subparts, National Emission Standards for Hazardous Air Pollutants (NESHAP)	NESHAP *XX*	§ 61.*XX*(*x*)(*yy*)(*zz*)
40 CFR Part 63, Subparts, NESHAP by source category, including hazardous organic (HON)	MACT *XX*	§ 63.*XXX*(*x*)(*yy*)(*zz*)

* This list is not intended to be exhaustive

Negative Applicability/Superseded Requirement Reason:
Enter a textual description indicating the reason for the negative applicability or superseded requirement determination. If a permit shield is requested, the textual description provided will be recreated as the *Basis of Determination* for the permit shield in the permit. The description may include rule text, rule preamble, or other text resulting from a historical rule interpretation, EPA applicability determination Index (ADI), or case law. Use multiple lines if necessary (maximum 250 characters).

OP-UA60 Form Unit Attribute Tables- Instructions

General:
This form is used to provide a description and data pertaining to all chemical manufacturing/elastomer/thermoplastic process units with potentially applicable requirements associated with a particular regulated entity number and application. Each table number, along with the possibility of a corresponding letter (i.e., Table 1a, Table 1b), corresponds to a certain state or federal rule. If the rule on the table is not potentially applicable to a process unit, then it should be left blank and need not be submitted with the application. If the codes entered by the applicant show negative applicability to the rule or sections of the rule represented on the table, then the applicant need not complete the remainder of the table(s) that corresponds to the rule. Further instruction as to which questions should be answered and which questions should not be answered are located in the "Specific" section of the instruction text. The following are included in this form.

Tables 1a - 1b:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry**
Tables 2a - 2c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart U: National Emission Standards for Organic Hazardous Air Pollutants: Group I Polymers and Resins**
Table 3:	**Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter B: Batch Processes**
Table 4:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart JJJ: National Emission Standards for Organic Hazardous Air Pollutants: Group IV Polymers and Resins**
Tables 5a – 5c:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes**
Tables 6a – 6f:	**Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing – Processes with Batch Process Vents**

The application area name from Form OP-1 entitled, "Site Information Summary" must appear in the header of each page for the purpose of identification for the initial submittal. The date of the initial form submittal must also be included and should be consistent throughout the application (MM/DD/YYYY). Leave the permit number blank for the initial form submittal. If this form is included as part of the permit revision process, enter the permit number assigned by the TCEQ, the area name (from Form OP-1), and the date of the revision submittal.

Unit attribute questions that do not require a response from all applicants are preceded by qualification criteria in the instructions. If the unit does not meet the qualification criteria, a response to the question is not required. Anytime a response is not required based on the qualification criteria, leave the space on the form blank.

Notwithstanding any qualification criteria in the form instructions or information provided in other TCEQ guidance, the applicant may leave an attribute question blank (or indicate "N/A" for "Not Applicable") if the attribute is not needed for the applicable requirement determinations of a regulation for a unit.

In some situations, the applicant has the option of selecting alternate requirements, limitations, and/or practices for a unit. Note that these alternate requirements, limitations, and/or practices must have the required approval from the TCEQ Executive Director and/or the U.S. Environmental Protection Agency Administrator before the federal operating permit application is submitted.

The Texas Commission on Environmental Quality (TCEQ) requires that a Core Data Form be submitted on all incoming registrations unless all of the following are met: the Regulated Entity and Customer Reference Numbers have been issued by the TCEQ and no core data information has changed. The Central Registry, a common record area of the TCEQ which maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred as "core data." The Central Registry provides the regulated community with a central access point within the agency to check core data and make changes when necessary. When core data about a facility is moved to the Central Registry, two new identification numbers are assigned: the Customer Reference (CN) number and the Regulated Entity (RN) number. The Core Data Form is required if facility records are not yet part of the Central Registry or if core data for a facility has changed. If this is the initial registration, permit, or license for a facility site, then the Core Data Form must be completed and submitted with application or registration forms. If amending, modifying, or otherwise updating an existing record for a facility site, the Core Data Form is not required, unless any core data information has changed. To review additional information regarding the Central Registry, go to the TCEQ Web site at www.tceq.texas.gov/nav/permits/air_permits.html.

Specific:

Table 1a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry

★ **Complete only for chemical manufacturing process units located at plant sites that are major sources as defined in Section 112(a) of the Federal Clean Air Act.**

Process ID No.:
Enter the identification number (ID No.) for the chemical manufacturing process units (maximum 14 characters) as listed on Form OP-SUM, entitled "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Applicable Chemicals:
Enter "YES" if the chemical manufacturing process unit manufactures, as a primary product, one or more of the chemicals listed in 40 CFR § 63.100(b)(1)(i) or 40 CFR § 63.100(b)(1)(ii). Otherwise, enter "NO."

Continue Only if "Applicable Chemicals" is "YES."

Table 2 HAP:
Enter "YES" if the chemical manufacturing process unit uses as a reactant or manufactures, as a product or co-product, one or more of the organic hazardous air pollutants (HAPs) in Table 2. Otherwise, enter "NO."

Continue Only if "Table 2 HAP" is "YES."

Alternative Means of Emission Limitation (AMEL):
Enter "YES" if an alternative means of emission limitation has been approved by the EPA Administrator to achieve a reduction in organic HAP emission. Otherwise, enter "NO."

AMEL ID No.:
If an AMEL has been approved, then enter the corresponding AMEL unique identifier for each unit or process. If the unique identifier is unavailable then enter the date of the AMEL approval letter. The unique identifier and/or the date of the approval letter is contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

Heat Exchange System:
Enter "YES" if a heat exchange system is utilized. Otherwise, enter "NO."

Continue Only if "Heat Exchange System" is "YES."

Cooling Water Pressure:
Enter "YES" if the heat exchange system is operated with the minimum pressure on the cooling water side at least 35 kilopascals greater than the maximum pressure on the process side. Otherwise, enter "NO."

Table 1b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart F: National Emission Standards for Organic Hazardous Air Pollutants from the Synthetic Organic Chemical Manufacturing Industry

★ **Complete only if "Cooling Water Pressure" is "NO."**

Process ID No.:
Enter the identification number (ID No.) for the chemical manufacturing process units (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Intervening Cooling Fluid:
Enter "YES" if there is an intervening cooling fluid containing less than 5 percent by weight of total HAPs listed in Table 4 of 40 CFR Part 63, Subpart F, between the process and cooling water. Otherwise, enter "NO."

Continue Only if "Intervening Cooling Fluid" is "NO."

Table 4 HAP Content:
Enter "YES" if the recirculating heat exchange system is used to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 4 of title 40 CFR Part 63, Subpart F. Otherwise, enter "NO."

Continue Only if "Table 4 HAP Content" is "NO."

NPDES Permit:
Enter "YES" if the once-through heat exchange system is subject to a National Pollution Discharge Elimination System (NPDES) permit with an allowable discharge limit of 1 part per million or less above influent concentration or 10 percent or less above influent concentration, whichever is greater. Otherwise, enter "NO."

Continue Only if "NPDES Permit" is "NO."

Meets 40 CFR § 63.104(a)(4)(i) - (iv):
Enter "YES" if the once-through heat exchange system is subject to an NPDES permit that meets 40 CFR § 63.104(a)(4)(i) - (iv). Otherwise, enter "NO."

Continue Only if "Meets 40 CFR § 63.104(a)(4)(i) - (iv)" is "NO."

Table 9 HAP Content:
Enter "YES" if the once-through heat exchange system is used to cool process fluids that contain less than 5 percent by weight of total HAPs listed in Table 9 of 40 CFR Part 63, Subpart G. Otherwise, enter "NO."

Continue Only if "Table 9 HAP Content" is "NO."

Cooling Water Monitored:
Enter "YES" if the cooling water is being monitored for the presence of one or more HAPs or other representative substances whose presence in cooling water indicates a leak. Otherwise, enter "NO."

Table 2a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins

★ **Complete only for product process units that meet the following criteria:**

- **located at plant sites that are major sources as defined in Section 112(a) of the Federal Clean Air Act.**
- **produce an elastomer product, as defined in 40 CFR § 63.482, subject to 40 CFR Part 63, Subpart U**
- **are not also subject to 40 CFR Part 63, Subpart JJJ or, if subject to Subpart JJJ, less than 50% of the elastomer produced is used in production of the product subject to Subpart JJJ.**

Process ID No.:
Enter the identification number (ID No.) for the elastomer product process units (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Research and Development:
Enter "YES" if the elastomer product process unit (EPPU) is used only for research and development. Otherwise, enter "NO."

Continue only if "Research and Development" is "NO."

Primary Product:
Enter "YES" if the elastomer is the primary product of the process unit. Otherwise, enter "NO."

Flexible Unit:
Enter "YES" if the EPPU is a flexible unit as defined in 40 CFR § 63.482. Otherwise, enter "NO."

Continue only if "Primary Product" is "YES."

No Organic HAP:
Enter "YES" if the only product manufactured by the EPPU is one that does not use or produce any organic HAP. Otherwise, enter "NO."

Continue only if "No Organic HAP" is "NO."

Existing Source:
Enter "YES" if the source is an existing source. Otherwise, enter "NO."

Back-End Processes:
Enter "YES" if the EPPU includes back-end processes, as defined in 40 CFR § 63.482. Otherwise, enter "NO."

Continue only if "Back End Processes" is "YES."

Table 2b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins

Process ID No.:
Enter the identification number (ID No.) for the chemical manufacturing process units (maximum 14 characters) as listed on Form OP-SUM, entitled "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Rubber Type and Production Process:
Select one of the following that describe the rubber type and production process used. Enter the code on the form.

Code	Description
STBR-EP	Styrene butadiene rubber produced by the emulsion process
PR-SP	Polybutadiene rubber produced by solution process
STBR-SP	Styrene butadiene rubber produced by the solution process
EPR-SP	Ethylene-propylene rubber produced by the solution process
OTHER	Any rubber product other than styrene butadiene rubber produced by the emulsion process or polybutadiene, styrene butadiene and ethylene-propylene rubber produced by the solution process

Continue only if "Rubber Type and Production Process" is "STBR-EP," "PR-SP," "STBR-SP" or "EPR-SP."

§ 63.494(a)(5) Products:
Enter "YES" if the EPPU produces both an elastomer product with a residual organic HAP limitation and a product in § 63.494(a)(5). Otherwise, enter "NO."

★ **Complete "Crumb Dryer" only if "Rubber Type and Production Process" is "STBR-EP."**

Crumb Dryer:
Enter "YES" if the crumb dryer vents to a combustion device. Otherwise, enter "NO."

★ **Complete "Performance Test" only if "Crumb Dryer" is "NO." If "Crumb Dryer" is "YES," go to Table 2c.**

Performance Test:
Enter "YES" if a performance test is conducted to demonstrate compliance with the carbon disulfide requirements. Otherwise, enter "NO."

★ **Complete "Stripping Technology" only if "Crumb Dryer" is "NO" or "Rubber Type and Production Process" is "STBR-SP," "PR-SP," or "EPR-SP."**

Stripping Technology:
Enter "YES" if compliance with the emission limitation in § 63.694(a) is achieved using stripping technology. Otherwise, enter "NO."

★ **Complete "Periodic Sampling" only if "Stripping Technology" is "YES."**

Periodic Sampling:
Enter "YES" if compliance is demonstrated using periodic sampling. Otherwise, enter "NO."

★ **Complete "Continuous Stripping" only if "Periodic Sampling" is "YES."**

Continuous Stripping:
Enter "YES" if the stripper is used in continuous mode. Otherwise, enter "NO."

Table 2c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins

Process ID No.:
Enter the identification number (ID No.) for the chemical manufacturing process units (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP index number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Control Device:
Select one of the following options that describes the type of control, recapture, or recovery device used. Enter the code on the form.

Code	Description
FLARE	Flare
BPH44-	Boiler or process heater with a design heat input capacity of less than 44 MW and the vent stream is introduced with combustion air or as the secondary fuel
BPH44+	Boiler or process heater with a design heat input capacity of greater than 44 MW
BPH-HAZ	Boiler or process heater burning hazardous waste
BPH-FUEL	Boiler or process heater into which the process vent stream is introduced with the primary fuel or is used as the primary fuel
CATINC	Catalytic incinerator
INCIN	Thermal incinerator
ABS	Absorber
COND	Condenser
CARB	Carbon absorber
OTHER	Other type of control device
NOCD	No control device is used

Control Device ID No.:
If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM entitled "Individual Unit Summary." If there is no control device, then leave this column blank.

Do Not Continue if "Control Device" is "NOCD."

Back-End Process Continuous:
Enter "YES" if the back-end process is continuous. Otherwise, enter "NO."

★ **Complete "Prior Performance Test" only if "Control Device" is "BPH44-," "CATINC," "INCIN," "ABS," "COND" or "CARB."**

Prior Performance Test:
Enter "YES" if a performance test meeting the criteria of 40 CFR § 63.496(b)(7)(iv) has been conducted. Otherwise, enter "NO."

Alternate Monitoring Parameters:
Enter "YES" if requesting to monitor parameters other than those required by § 63.497(a)(1)-(6). Otherwise, enter "NO."

Do Not Complete "Alternate Monitoring System" if "Control Device" is "OTHER" or if "Alternate Monitoring Parameters" is "YES."

Alternate Monitoring System:
Enter "YES" if requesting to use alternate continuous monitoring and recordkeeping provisions. Otherwise, enter "NO."

Bypass Lines:
Enter "YES" if the vent system contains a bypass line. Otherwise, enter "NO."

★ **Complete "Flow Indicator" Only if "Bypass Lines" is "YES."**

Flow Indicator:
Enter "YES" if a flow indicator is installed and operated at the entrance of the bypass line. Otherwise, enter "NO."

Table 3: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115), Subchapter B: Batch Processes

★ **Complete this table only for a Batch Process Operation meeting the following requirements:**

- **Operating under SIC code 2821, 2833, 2834, 2861, 2865, 2869, or 2879**
- **Located in the Beaumont/Port Arthur area and the site has VOC emissions of at least 50 tpy from all stationary sources**
- **Located in the Houston/Galveston area and the site has VOC emissions of at least 25 tpy from all stationary sources**
- **Has vents from the batch process operation that meet the definition of Process Vent in 30 TAC § 115.160**

Process ID No.:
Enter the identification number (ID No.) for batch processes (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Batch Process Annual Mass Emission:
Enter "YES" if the batch process train has total annual mass emissions from all combined vents at or lower than the levels specified in 30 TAC § 115.167(2)(A). Otherwise, enter "NO."

Continue only if "Batch Process Annual Mass Emission" is "NO."

Single Unit Annual Mass Emissions:
Select one of the following options that describe annual mass emissions from the single unit operations in the batch process operation. Enter the code on the form.

Code	Description
A500-	All single unit operations in the batch process operation have total annual mass emissions of 500 lbs/yr or less
S500-	Some single unit operations in the batch process operation have total annual mass emissions of 500 lbs/yr or less, some single unit operations have total annual mass emissions greater than 500 lbs/yr
500+	All single unit operations in the batch process operation have total annual mass emissions greater than 500 lbs/yr

Continue only if "Single Unit Annual Mass Emissions" is "S500-" or "500+."

Alternate Control Requirement (ACR):
Enter "YES" if the TCEQ Executive Director has approved an ACR demonstrating and documenting compliance. Otherwise, enter "NO."

ACR ID No.:
If an ACR has been approved, then enter the corresponding ACR unique identifier for each unit or process. If the unique identifier is unavailable, then enter the date of the ACR approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

Aggregate Flow Rate:
Select one of the following options that describe the aggregate process vent flow rate for the batch process. Enter the code on the form.

Code	Description
FR+	The actual average flow rate from the batch process vent streams in aggregate is greater than the calculated flow rate using the applicable RACT equation
FR-	The actual average flow rate from the batch process vent streams in aggregate is below than the calculated flow rate using the applicable RACT equation

Control Device:
Select the control option that describes how emissions from the batch process operation are controlled. Enter the code on the form.

Code	Description
DIFINC	Direct flame incinerator
CATINC	Catalytic incinerator
ABSORB	Absorber
CADS	Carbon adsorption system
COND	Condenser or refrigeration system
FLARE	Flare
PADU	Pressure swing adsorption unit
VACOMB-F	Vapor combustor considered to be a flare
VACOMB-NF	Vapor combustor NOT considered to be a flare
OTHER	Other vapor control system/device

Control Device ID No.:
If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM entitled, "Individual Unit Summary." If there is no control device, then leave this column blank.

Table 4: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins

★ **Complete only for product process units that meet the following criteria:**

- **located at plant sites that are major sources as defined in Section 112(a) of the Federal Clean Air Act.**
- **produce a thermoplastic product, as defined in 40 CFR § 63.1312, subject to 40 CFR Part 63, Subpart JJJ**

Process ID No.:
Enter the identification number (ID No.) for batch processes (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Exempted Process:
Enter "YES" if the thermoplastic product process unit (TPPU) equipment is used only for one of the following processes: research and development polymerization in a mold to manufacture binder systems containing a thermoplastic product for paints, coatings, or adhesives finishing processes (i.e. compounding units, spinning units, drawing units, extruding units or other finishing steps solid state polymerization. Otherwise, enter "NO."

Continue only if "Exempted Process" is "NO."

Primary Product:
Enter "YES" if the thermoplastic product is the primary product of the process unit. Otherwise, enter "NO."

Flexible Unit:
Enter "YES" if the TPPU is a flexible unit as defined in 40 CFR § 63.1312. Otherwise, enter "NO."

Continue only if "Primary Product" is "YES."

No Organic:
HAP: Enter "YES" if the only product manufactured by the TPPU is one that does not use or produce any organic HAP. Otherwise, enter "NO."

Continue only if "No Organic HAP" is "NO."

Existing Source:
Enter "YES" if the source is an existing source. Otherwise, enter "NO."

Table 5a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes

★ **Complete this table only for processes that include miscellaneous organic chemical manufacturing units (MCPU) that meet criteria in 40 CFR § 63.2435(a) and (b). The following operations are not subject to this subpart:**

- **research and development facilities;**
- **affiliated operations located at an affected source under subparts GG, KK, JJJJ, MMMM and SSSS of this part 63;**
- **fabricating, compounding or extrusion and drawing operations (but an operation is not exempt if it involves processing with HAP solvent or if an intended purpose of the operation is to remove residual HAP monomer);**
- **production activities described using the 1997 version of NAICS codes 325131, 325181, 325188 (except hydrazine), 325314, 325991 (except reformulating plastics resins from recycled plastics products) or 325992 (except photographic chemicals);**
- **tall oil recovery systems;**
- **carbon monoxide production.**

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Ammonium Sulfate:
Enter "YES" if the MCPU includes the manufacture of ammonium sulfate as a by-product, and the slurry entering the by-product manufacturing process contains 50 parts per million by weight (ppmw) HAP or less or 10 ppmw benzene or less. Otherwise, enter "NO."

Other Operations:
Enter "YES" if the MCPU includes operations other than those listed in § 63.2435(c) [i.e., those listed in the qualification criteria above, or those described in "Ammonium Sulfate"]. Otherwise, enter "NO."

Continue only if "Other Operations" is "YES."

63.100 CMPU:
Enter "YES" if the MCPU is a CMPU defined in § 63.100. Otherwise, enter "NO."

Continue only if "63.100 CMPU" is "NO." [NOTE: If the CMPU includes process vents as identified in § 63.100(j)(4) then you must comply with subpart FFFF batch process vents requirements.]

G2/<1000 LB/YR:
Enter "YES" if process includes Group 2 batch process vents and/or uncontrolled hydrogen halide and halogen HAP emissions from the sum of all batch and continuous process vents less than 1,000 lb/yr. Otherwise, enter "NO."

★ **Complete "2525E1" only if "G2/<1000 Lb/Yr" is "YES."**

2525E1:
Enter "YES" if you documented in your notification of compliance status report that the MCPU meets any of the situations described in paragraph § 63.100(e)(1)(i), (ii) or (iii). Otherwise, enter "NO."

Table 5b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Startup 2003:
Enter "YES" if the affected source startup was before November 10, 2003. Otherwise, enter "NO."

Shared Batch Vent:
Enter "YES" if you have an MCPU that includes a batch process vent that also is part of a CMPU as defined in subparts F and G of this part 63. Otherwise, enter "NO." *[NOTE: if yes, you must comply with the subpart FFFF requirements for batch process vents, and you must continue to comply with the requirements in subparts F, G, and H of part 63 that are applicable to the CMPU.]*

PUG:
Enter "YES" if the MCPU is part of a process unit group (PUG). Otherwise, enter "NO."

Startup 2002:
Enter "YES" if the affected source initial startup was before April 4, 2002. Otherwise, enter "NO."

★ **Complete "PP Alt" only if "Startup 2002" is "YES."**

PP Alt:
Enter "YES" if the MCPU is complying with the pollution prevention alternative in §63.2495(a)(1) and (2) in lieu of the emission limitations and work practice standards contained in Tables 1 through 7. Otherwise, enter "NO." [NOTE: if yes, you must comply with the subpart FFFF Table 10 requirements for any heat exchange systems.]

★ **Complete "Cont Proc" only if "PP Alt" is "YES."**

Cont Proc:
Enter "YES" if the MCPU process is continuous. Otherwise, enter "NO."

Continue only if "Startup 2002" is "NO" or if "PP Alt" is "NO."

Table 5c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - MCPU Processes

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

>1000 LB/YR:
Enter "YES" if the process has uncontrolled hydrogen halide and halogen HAP emissions from process vents ≥1,000 lb/yr. Otherwise, enter "NO."

★ **Complete "Reduction" only if ">1000 Lb/Yr" is "YES."**

Reduction:
Enter "YES" if collective hydrogen halide and halogen HAP emissions are reduced by ≥99 percent by weight or to an outlet concentration ≤20 ppmv by venting through one or more closed-vent systems to any combination of control devices. Otherwise, enter "NO."

New Source:
Enter "YES" if Is the MCPU a new affected source as described in § 63.2440(c)(1) or (2). Otherwise, enter "NO."

★ **Complete "HAP Metals" only if "New Source" is "YES."**

HAP Metals:
Enter "YES" if uncontrolled emissions from process vents are ≥150 lb/yr of HAP metals. Otherwise, enter "NO."

★ **Complete "Fabric Filter" only if "HAP Metals" is "YES."**

Fabric Filter:
Enter "YES" if a fabric filter is used to control HAP metals. Otherwise, enter "NO."

★ **Complete "Small CD" only if: ">1000 Lb/Yr" is "YES;" or if ">1000 Lb/Yr" is "NO" and both "New Source" and "Hap Metals" are "YES."**

Small CD:
Enter "YES" if a small control device (defined in § 63.2550) is being used. Otherwise, enter "NO."

★ **Complete "Design Eval" only if ">1000 Lb/Yr" is "YES;" or if ">1000 Lb/Yr" is "NO" and both "New Source" and "Hap Metals" are "YES."**

Design Eval:
Enter "YES" if a design evaluation as specified in § 63.1257(a)(1) is being used. Otherwise, enter "NO."

Batch Proc Vents:
Enter "YES" if a source includes batch process vents. Otherwise, enter "NO."

Table 6a: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Processes with Batch Process Vents

★ **Complete only for batch processes vents that meet either of the following criteria:**

- **Batch process vents at Miscellaneous Organic Chemical Manufacturing Process Unit (MCPU) and that are not complying with either the pollution prevention alternative standards §63.2495(a)(1) and (2) [addressed in Table 5 of this form] or with the alternate emission limit as provided in 40 CFR § 63.2505(a) [addressed in Table 14 of Form OP-UA15]. For processes with batch process vents complying with § 63.2460 Table 2, fill out this Table 6.**
- **Batch process vents at a Chemical Manufacturing Process Unit (CMPU) as identified in 40 CFR § 63.100(j)(4) and that are not complying with either the pollution prevention alternative standards §63.2495(a)(1) and (2) [addressed in Table 5 of this form] or with the alternate emission limit as provided in 40 CFR § 63.2505(a) [addressed in Table 14 of Form OP-UA15]. For processes with batch process vents complying with § 63.2460 Table 2, fill out this Table 6.**

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Designated GRP1:
Enter "YES" if the emission stream is designated as Group 1. Otherwise, enter "NO."

★ **Complete "Determined GRP1" only if "Designated GRP1" is "NO."**

Determined GRP1:
Enter "YES" if the emission stream is determined to be Group 1. Otherwise, enter "NO."

Continue with Table 6 only if "Designated GRP1" or "Determined GRP1" is "YES."

Vent Emission Control:
Select one of the following options for controlling batch vent emissions. Enter the code on the form.

Code	Description
CFL	Reduce uncontrolled organic HAP emissions from all batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c
CFL-ACD	Reduce uncontrolled organic HAP emissions from one or more (but not all) batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c; for all other batch process vents within the process, reduce collective organic HAP emissions as specified in item Table 2.1.a (i.e., ≥98 percent by weight using control devices except a flare)
CFL-BRD	Reduce uncontrolled organic HAP emissions from one or more (but not all) batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c; for all other batch process vents within the process, reduce collective organic HAP emissions as specified in item Table 2.1.b using recovery devices (i.e., ≥95 percent by weight)
CFL-BBF	Reduce uncontrolled organic HAP emissions from one or more (but not all) batch process vents within the process by venting through a closed-vent system to a flare per Table 2.1.c; for all other batch process vents within the process, reduce collective organic HAP emissions as specified in item Table 2.1.b using a biofilter (i.e., ≥95 percent by weight)
CCD	Reduce uncontrolled organic HAP emissions from all batch process vents within the process to an outlet concentration ≤20 ppmv as TOC or total organic HAP by venting through a closed-vent system to any combination of control devices except a flare per Table 2.1.c
CCD-ACD	Reduce uncontrolled organic HAP emissions from one or more (but not all) batch process vents within the process to an outlet concentration ≤20 ppmv as TOC or total organic HAP by venting through a closed-vent system to any combination of control devices except a flare per Table 2.1.c; for all other batch process vents within the process, reduce collective organic HAP emissions as specified in item Table 2.1.a (i.e., ≥98 percent by weight using control devices except a flare)
CCD-BRD	Reduce uncontrolled organic HAP emissions from one or more (but not all) batch process vents within the process to an outlet concentration ≤20 ppmv as TOC or total organic HAP by venting through a closed-vent system to any combination of control devices except a flare per Table 2.1.c; for all other batch process vents within the process, reduce collective organic HAP emissions as specified in item Table 2.1.b using recovery devices (i.e., ≥95 percent by weight)
CCD-BBF	Reduce uncontrolled organic HAP emissions from one or more (but not all) batch process vents within the process to an outlet concentration ≤20 ppmv as TOC or total organic HAP by venting through a closed-vent system to any combination of control devices except a flare per Table 2.1.c; for all other batch process vents within the process, reduce collective organic HAP emissions as specified in item Table 2.1.b using a biofilter (i.e., ≥95 percent by weight)
ACD	Reduce collective uncontrolled organic HAP emissions from the sum of all batch process vents within the process by ≥98 percent by weight by venting emissions from a sufficient number of the vents through one or more closed-vent systems to any combination of control devices (except a flare) per Table 2.1.a
BRD	Reduce collective uncontrolled organic HAP emissions from the sum of all batch process vents within the process by ≥95 percent by weight by venting emissions from a sufficient number of the vents through one or more closed-vent systems to any combination of recovery devices per Table 2.1.b
BBF	Reduce collective uncontrolled organic HAP emissions from the sum of all batch process vents within the process by ≥95 percent by weight by venting emissions from a sufficient number of the vents through one or more closed-vent systems to a biofilter per Table 2.1.b

★ **Complete Tables 6b through 6f as appropriate depending on attribute "Vent Emission Control."**

Table 6b: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Processes with Batch Process Vents

★ **Complete Table 6b only if "Vent Emission Control" is "CFL," "CFL-BRD" or "CFL-BBF."**

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Designated HAL:
Enter "YES" if the emission stream is designated as halogenated. Otherwise, enter "NO."

★ **Complete "Determined HAL" only if "Designated HAL" is "NO."**

Determined HAL:
Enter "YES" if the emission stream is determined to be halogenated. Otherwise, enter "NO."

★ **Complete "Scrubber" only if "Designated HAL" or "Determined HAL" is "YES."**

Scrubber:
Enter "YES" if scrubber is used. Otherwise, enter "NO."

Prior Eval:
Enter "YES" if the data from a prior evaluation or assessment is used. Otherwise, enter "NO."

★ **Complete "Assessment Waiver" only if "Prior Eval" is "NO."**

Assessment Waiver:
Enter "YES" if the Administrator has granted a waiver of compliance assessment. Otherwise, enter "NO."

★ **Complete "Assessment Waiver ID" only if "Assessment Waiver" is "YES."**

Assessment Waiver ID:
If an alternate has been approved, then enter the corresponding alternate unique identifier for each unit or process (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the alternate approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

Negative Pressure:
Enter "YES" if the closed vent system is operated and maintained under negative pressure. Otherwise, enter "NO."

★ **Complete "Bypass Line" only if "Negative Pressure" is "NO."**

Bypass Line:
Select the option that best describes the bypass lines on the closed vent system. Enter the code on the form.

Code	Description
NONE	No bypass lines
FLOWIND	Bypass lines are monitored by flow indicators
CARSEAL	Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration

Table 6c: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Processes with Batch Process Vents

★ **Complete Tables 6c, 6d and 6e only if "Vent Emission Control" is "CFL-ACD," "CCD," "CCD-ACD," "CCD-BRD," "CCD-BBF" or "ACD."**

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Small Device:
Enter "YES" if a small control device (defined in § 63.2550) is being used. Otherwise, enter "NO."

★ **Complete "1257A1" only if "Small Device" is "Yes."**

1257A1:
Enter "YES" if you are conducting a design evaluation as specified in § 63.1257(a)(1). Otherwise, enter "NO."

★ **Complete "1257A1 Device Type" only if "1257A1" is "Yes."**

1257A1 Device Type:
Select one of the following options for the type of control device. Enter the code on the form.

Code	Description
05RT	Enclosed combustion device with a 0.5 second residence time at 760° C per § 63.1257(a)(1)(i)
THERM	Thermal vapor incinerator not meeting the criteria in § 63.1257(a)(1)(i)
CATA	Catalytic vapor incinerator not meeting the criteria in § 63.1257(a)(1)(i)
BPH	Boiler or process heater not meeting the criteria in § 63.1257(a)(1)(i)
COND	Condenser
CADON	Carbon adsorber that regenerates the carbon bed onsite
CADOTH	Carbon adsorber that does not regenerates the carbon bed onsite
SCRB	Scrubber
NONE	None of the above devices

1257A1 Device ID:
If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM entitled, "Individual Unit Summary." If there is no control device, then leave this column blank.

Alt 63SS Mon Parameters:
Enter "YES" if alternate monitoring parameters or requirements have been approved by the Administrator. Otherwise, enter "NO."

★ **Complete "Alt 63SS Mon ID:" only if "Alt 63SS Mon Parameters" is "YES."**

Alt 63SS Mon ID:
If an alternate has been approved, then enter the corresponding alternate unique identifier for each unit or process (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the alternate approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank

★ **Complete "CEMS" only if "ALT 63SS Mon Parameters" is "NO."**

CEMS:
Enter "YES" if a CEMS is used. Otherwise, enter "NO."

SS Device Type:
Select one of the following options that describes device used. Enter the code on the form.

Code	Description
CATA	Catalytic incinerator
INCIN	Incinerator other than a catalytic incinerator
BPH44+	Boiler or process heater with a design heat input capacity equal to or greater than 44 megawatts (MW) or in which all vent streams are introduced with the primary fuel or are used as the primary fuel
BPH44-	Boiler or process heater with a design heat input capacity of less than 44 MW and the vent stream is not introduced as or with the primary fuel
ABS	Absorber
COND	Condenser [other than a process condenser as defined in § 63.2550(i)]
CADS	Carbon adsorber
OTHCMB	Combustion device other than one of the above
OTHNONC	Non-combustion device other than one of the above

SS Device ID:
If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM entitled, "Individual Unit Summary." If there is no control device, then leave this column blank.

Table 6d: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Processes with Batch Process Vents

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Complete "Meets 63.988(b)(2)" only if "SS Device Type" is "CATA," "INCIN," "BOIL" or "PROHT."

Meets 63.988(b)(2):
Enter "YES" if the control device meets criteria in § 63.985(b)(2). Otherwise, enter "NO."

★ **Complete "Water" only if "SS Device Type" is "ABS."**

Water:
Enter "YES" if the scrubbing liquid is water. Otherwise, enter "NO."

Designated HAL:
Enter "YES" if the emission stream is designated as halogenated. Otherwise, enter "NO."

★ **Complete "Determined HAL" only if "Designated HAL" is "NO."**

Determined HAL:
Enter "YES" if the emission stream is determined to be halogenated. Otherwise, enter "NO."

Table 6e: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Processes with Batch Process Vents

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

HAL Device Type:
Select one of the following options that describes halogen reduction device used. Enter the code on the form.

Code	Description
SCRBBFR	A halogen scrubber preceding a combustion device
SCRBAFT	A halogen scrubber following a combustion device
SCRBNO	A halogen scrubber is used, no combustion device
OTHBFR	A halogen reduction device other than a scrubber preceding a combustion device
OTHAFT	A halogen reduction device other than a scrubber following a combustion device
OTHNO	A halogen reduction device other than a scrubber is used, no combustion device
NONE	No halogen scrubber or other halogen reduction device is used

HAL Device ID:
If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM entitled, "Individual Unit Summary." If there is no control device, then leave this column blank.

★ **Complete "Halogen Reduction Option" only if "Hal Device Type" is "SCRBAFT" or "OTHAFT."**

Halogen Reduction Option:
Select one of the following options that describes how halogen reduction is achieved. Enter the code on the form.

Code	Description
22A-I	Reduce overall emissions of hydrogen halide and halogen HAP by ≥99 percent
22A-II	Reduce overall emissions of hydrogen halide and halogen HAP to ≤0.45 kg/hr
22A-III	Reduce overall emissions of hydrogen halide and halogen HAP to a concentration ≤20 ppmv

Prior Eval:
Enter "YES" if the data from a prior evaluation or assessment is used. Otherwise, enter "NO."

★ **Complete "Assessment Waiver" only if "Prior Eval" is "NO."**

Assessment Waiver:
Enter "YES" if the Administrator has granted a waiver of compliance assessment. Otherwise, enter "NO."

Complete "Assessment Waiver ID" only if "Assessment Waiver" is "YES."

Assessment Waiver ID:
If an alternate has been approved, then enter the corresponding alternate unique identifier for each unit or process (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the alternate approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

★ **Complete "Formaldehyde" only if "Assessment Waiver" is "NO."**

Formaldehyde:
Enter "YES" if the stream contains formaldehyde. Otherwise, enter "NO."

Negative Pressure:
Enter "YES" if the closed vent system is operated and maintained under negative pressure. Otherwise, enter "NO."

Complete "Bypass Line" only if "Negative Pressure" is "NO."

Bypass Line:
Select the option that best describes the bypass lines on the closed vent stream system. Enter the code on the form.

Code	Description
NONE	No bypass lines
FLOWIND	Bypass lines are monitored by flow indicators
CARSEAL	Bypass line valves are secured in the closed position with a car-seal or lock-and-key configuration

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Table 6f: Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63), Subpart FFFF: National Emission Standards for Hazardous Air Pollutants: Miscellaneous Organic Chemical Manufacturing - Processes with Batch Process Vents

★ **Complete Table 6f only if "Vent Emission Control" is "CFL-BRD," "CFL-BBF," "CCD-BRD," "CCD-BBF," "BRD" or "BBF."**

Process ID No.:
Enter the identification number (ID No.) for MCPUs (maximum 14 characters) as listed on Form OP-SUM entitled, "Individual Unit Summary."

SOP Index No.:
Site operating permit (SOP) applicants should indicate the SOP Index Number for the unit or group of units (maximum 15 characters consisting of numeric, alphanumeric characters, and/or dashes prefixed by a code for the applicable regulation [i.e., 60KB-XXXX]). For additional information relating to SOP and GOP index numbers, please see the Completing FOP Applications – Additional Guidance on the TCEQ website at www.tceq.texas.gov/permitting/air/guidance/titlev/tv_fop_guidance.html.

Note: You may elect to comply with 40 CFR 63, Subpart WW for any process tank per Table 2.1.b. If you choose to do so, you must submit the appropriate table in form UA-03.

All Vents Are WW:
Enter "YES" if all the MCPU batch process vents are associated with tanks meeting subpart WW. Otherwise, enter "NO."

Continue only if "All Vents Are WW" is "NO."

Continue only if "Vent Emission Control" is "BRD," "CFL-BRD" or "CCD-BRD."

Alt 63SS Mon Parameters:
Enter "YES" if alternate monitoring parameters or requirements have been approved by the Administrator. Otherwise, enter "NO."

★ **Complete "Alt 63SS MON ID:" only if "Alt 63SS Mon Parameters" is "YES."**

Alt 63SS Mon ID:
If an alternate has been approved, then enter the corresponding alternate unique identifier for each unit or process (maximum 14 characters). If the unique identifier is unavailable, then enter the date of the alternate approval letter. The unique identifier and/or the date of the approval letter are contained in the Compliance File under the appropriate account number. Otherwise, leave this column blank.

SS Device Type:
Select one of the following options that describes device used. Enter the code on the form.

Code	Description
ABS	Absorber
COND	Condenser
CADS	Carbon adsorber
OTHREC	Recovery device other than one of the above

SS Device ID:
If applicable, enter the identification number (ID No.) for the control device to which emissions are routed (maximum 14 characters). This number should be consistent with the control device identification number listed on Form OP-SUM entitled, "Individual Unit Summary." If there is no control device, then leave this column blank.

★ **Complete "Water" only if "SS Device Type" is "ABS."**

Water:
Enter "YES" if the scrubbing liquid is water. Otherwise, enter "NO."