



## Texas Commission on Environmental Quality

### Form OP-UA12 - Instructions Fugitive Emission Unit Attributes

#### General:

This form is used to provide a description and data pertaining to all fugitive emission 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 fugitive emission 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 that rule represented on the table, then the applicant does not have to complete the remainder of the table(s) that correspond 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 is included in this form:

- Table 1a - 1j:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart KKK: Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants
- Table 2a - 2j:** Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter D: Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas
- Table 3a - 3j:** Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)  
Subpart V: National Emission Standard for Equipment Leaks (Fugitive Emission Sources)
- Table 4a - 4k:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart VV: Standards of Performance for Equipment Leaks of VOC in the Synthetic Organic Chemicals Manufacturing Industry
- Table 5a - 5h:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart DDD: Standards of Performance for Volatile Organic Compound (VOC) Emissions from the Polymer Manufacturing Industry
- Table 6:** Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)  
Subpart J: National Emission Standard for Equipment Leaks (Fugitive Emission Sources) of Benzene
- Table 7a - 7f:** Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)  
Subchapter D: Fugitive Emission Control in Petroleum Refineries in Gregg, Nueces, and Victoria Counties
- Tables 8a - 8k:** Title 40 Code of Federal Regulations Part 60 (40 CFR Part 60)  
Subpart GGG: Standards of Performance for Equipment Leaks of VOC in Petroleum Refineries
- Tables 9a - 9g:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart H: National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks
- Table 10:** Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)  
Subpart I: National Emission Standards for Organic Hazardous Air Pollutants for Certain Processes Subject to the Negotiated Regulation for Equipment Leaks
- Tables 11a - 11c:** Title 40 Code of Federal Regulations Part 61 (40 CFR Part 61)  
Subpart F: National Emission Standard for Vinyl Chloride

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|--------------------------|--|
| <b>Tables 12a - 12f:</b> | Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)<br>Subpart CC: National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries                      |
| <b>Tables 13a - 13m:</b> | Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)<br>Subpart HH: National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities |
| <b>Tables 14a - 14m:</b> | Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)<br>Subpart U: National Emission Standards for Hazardous Air Pollutant Emissions: Group I Polymers and Resins           |
| <b>Table 15a - 15m:</b>  | Title 40 Code of Federal Regulations Part 63 (40 CFR Part 63)<br>Subpart JJJ: National Emission Standards for Hazardous Air Pollutant Emissions: Group IV Polymers and Resins        |
| <b>Tables 16a - 16c:</b> | Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)<br>Subchapter H: Fugitive Emissions (HRVOC)  |

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, maintains information about TCEQ customers and regulated activities, such as company names, addresses, and telephone numbers. This information is commonly referred to 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.state.tx.us/permitting/central\\_registry/index.html](http://www.tceq.state.tx.us/permitting/central_registry/index.html).

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**Specific:**

|                          |   |
|--------------------------|---|
| <b>Tables 16a - 16c:</b> | <b>Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)<br/>Subchapter H: Fugitive Emissions (HRVOC)</b> |
|--------------------------|---|

*Complete Table 16 only for sites located in the Houston/Galveston/Brazoria area.*

**UNIT ID NO.**: Enter the identification number (ID No.) for the fugitive unit (maximum 10 characters) as listed on Form OP-SUM (Individual Unit Summary).

**SOP/GOP 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]). General operating permit (GOP) applicants should indicate the appropriate GOP index number in this column from the applicable GOP table (SSS-FF-XXX). Applicants should complete all applicable GOP attributes information before determining the GOP index number. For additional information relating to SOP index numbers, please go to the TCEQ Web site at [http://www.tceq.state.tx.us/assets/public/permitting/air/Guidance/Title\\_V/additional\\_fop\\_guidance.pdf](http://www.tceq.state.tx.us/assets/public/permitting/air/Guidance/Title_V/additional_fop_guidance.pdf).

*Note to SOP Applicants: Some fugitive units may have all equipment identified in 30 TAC § 115.780. Applicants may choose to identify the SOP index number as “R5780-ALL” in lieu of the corresponding unit attribute information. Use of this index number will imply that all requirements, other than closed vent system and control device requirements, in the regulation apply to the fugitive unit. If closed vent systems and control devices are also used to comply, this information, with identification numbers, must be submitted on the appropriate table of the form. Please note that this index number cannot be used if an alternative has been approved of for GOPs.*

**TITLE 30 TAC § 115.780 APPLICABLE:** Enter “YES” if the site contains a process unit or process within a petroleum refinery; synthetic organic chemical, polymer, resin, or methyl tert-butyl ether manufacturing process; or natural gas/gasoline processing operation, in which a highly-reactive volatile organic compound (HRVOC) is a raw material, intermediate, final product, or in a waste stream. Otherwise, enter “NO.”

▼ Continue Only if “Title 30 TAC § 115.780 Applicable” is “YES.”

**WEIGHT PERCENT HRVOC:** Select one of the following HRVOC weight percents of the process fluid which is in contact with the fugitive unit components. Enter the code on the form.

| <u>Code</u> | <u>Description</u>   |
|-------------|--|
| 5.0-        | All components <u>only</u> contact a process fluid that contains less than 5.0% HRVOC by weight on an annual average basis   |
| 5.0+        | All components <u>only</u> contact a process fluid that contains greater than or equal to 5.0% HRVOC by weight on an annual average basis                                |
| BOTH        | Components in the fugitive unit contact process fluids that contain less than 5.0% HRVOC by weight and process fluids that contains HRVOC at 5.0%, or greater, by weight |

▼ Continue Only If “Weight Percent HRVOC” Is “5.0+” or “BOTH.”

**TITLE 30 TAC CHAPTER 115 FUGITIVE UNIT COMPONENTS:** The columns on Tables 16a through 16c correspond to the types of fugitive unit components addressed in 30 TAC Chapter 115, Subchapter H, Division 3: Fugitive Emissions (HRVOC). In the row for each fugitive unit identification number, enter a “YES” in a column if the described component(s) are included in the fugitive unit. If no such components are present in the fugitive unit, enter a “NO” in the column. This information will ensure that only the appropriate requirements for each fugitive process are reflected in the permit. The following table lists the component types.

| <b>TITLE 30 TAC CHAPTER 115 FUGITIVE UNIT COMPONENT TYPES</b>   |
|---|
| Process Drains <i>(Table 16a)</i>   |
| Pressure Relief Valves (Gaseous Service) <i>(Table 16a)</i>   |
| Open-ended Valves or Lines <i>(Table 16a)</i>   |
| Bypass Line Valves <i>(Table 16a)</i>   |
| Valves (other than pressure relief, open-ended, and bypass line) <i>(Table 16a)</i>   |
| Flanges or Other Connectors <i>(Table 16b)</i>  |
| Compressor Seals <i>(Table 16b)</i>   |
| Pump Seals <i>(Table 16b)</i>   |
| Agitators <i>(Table 16b)</i>  |
| Heat Exchanger Heads, Sight Glasses, Meters, Gauges, Sampling Connections, Bolted Manways, Hatches, Sump Covers, Junction Box Vents, or Covers and Seals on VOC Water Separators <i>(Table 16c)</i> |

**TITLE 30 TAC CHAPTER 115 FUGITIVE UNIT DESCRIPTION:** Provide a brief description of the fugitive unit equipment (maximum 250 characters). If the “Title 30 TAC § 115.780 Fugitive Unit Description” is the same as the “Title 40 CFR Part 60, Subpart KKK Fugitive Unit Description,” enter “SAME” in this space. Example descriptions include: “transfer and loading fugitives,” “storage area fugitives,” “manufacturing fugitives,” “pipeline fugitives,” etc. Use multiple lines, if necessary.





**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 138)**  
**Federal Operating Permit Program**

**Table 16b: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter H: Fugitive Emissions (HRVOC)**

|                   |                    |                                |
|-------------------|--------------------|--------------------------------|
| <b>Date:</b>      | <b>Permit No.:</b> | <b>Regulated Entity No.:</b>   |
| <b>Area Name:</b> |                    | <b>Customer Reference No.:</b> |

| Unit ID No. | SOP/GOP Index No. | Title 30 TAC Chapter 115 Fugitive Unit Components ( <i>continued</i> ) |                             |                  |            |           |
|-------------|-------------------|--|-----------------------------|------------------|------------|-----------|
|             |                   | Valves (other than pressure relief, open-ended, and bypass line)       | Flanges or Other Connectors | Compressor Seals | Pump Seals | Agitators |
|             |                   |  |                             |                  |            |           |
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**Fugitive Emission Unit Attributes**  
**Form OP-UA12 (Page 139)**  
**Federal Operating Permit Program**

**Table 16c: Title 30 Texas Administrative Code Chapter 115 (30 TAC Chapter 115)**  
**Subchapter H: Fugitive Emissions (HRVOC)**

|                   |                    |                                |
|-------------------|--------------------|--------------------------------|
| <b>Date:</b>      | <b>Permit No.:</b> | <b>Regulated Entity No.:</b>   |
| <b>Area Name:</b> |                    | <b>Customer Reference No.:</b> |

| Unit ID No. | SOP/GOP Index No. | Title 30 TAC Chapter 115 Fugitive Unit Components <i>(continued)</i>   | Title 30 TAC Chapter 115 Fugitive Unit Description |
|-------------|-------------------|--|--|
|             |                   | Heat Exchanger Heads, Sight Glasses, Meters, Gauges, Sampling Connections, Bolted Manways, Hatches, Sump Covers, Junction Box Vents, or Covers and Seals on VOC Water Separators |  |
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