C. EMISSION UNIT SPECIAL CONDITIONS

Part C outlines terms and conditions that are specific to individual emission units listed in the Emission Unit Summary Table. The permittee is subject to the special conditions for each emission unit in addition to the General Conditions in Part A and any other terms and conditions contained in this ROP.

The permittee shall comply with all specific details in the special conditions and the underlying applicable requirements cited. If a specific condition type does not apply, NA (not applicable) has been used in the table. If there are no conditions specific to individual emission units, this section will be left blank.

EMISSION UNIT SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

EUIFRTANKS and/or EUEFRTANKS may be a flexible group with multiple tanks rather than an emission unit. If so, move the applicable conditions to the flexible group section.

Emission Unit ID	Emission Unit Description (Including Process Equipment & Control Device(s))	Installation Date/ Modification Date	Flexible Group ID
EULOADRACK	Loading racks, equipped with a vapor collection system, which load gasoline cargo tanks at the bulk gasoline terminal. EULOADRACK must comply with these conditions immediately upon startup.	Fill in date(s) mm-dd-yyyy	FG{ID}
EUIFRTANKS	One or more gasoline storage tanks, with a design capacity ≥ 75 m^3 (19,813 gallons), equipped with an internal floating roof. EUIFRTANKS must comply with these conditions immediately upon startup.	Fill in date(s)	FG{ID}.
EUEFRTANKS	Gasoline storage tanks, with design capacities greater than or equal to 75 m^3 (19,813 gallons), each equipped with an external floating roof. EUEFRTANKS must comply with these conditions immediately upon startup.	Fill in date(s)	FG{ID}

EULOADRACK
EMISSION UNIT CONDITIONS
40 CFR Part 63, Subpart R – Gasoline Distribution Facilities covers major sources of HAPs.

Red text identifies options. Select the option that applies to the source and change the text to black. Delete red text that does not apply and renumber conditions if necessary.

Blue text is guidance or notes on the use of the template. Delete all blue text prior to issuing the final permit or submitting it with a permit application. Read through all conditions. Select the appropriate conditions for the existing, (or future if the permittee wants the option to change) control equipment. Some conditions have dates based on whether the source is new or existing. Be sure to use the appropriate date where there are choices.

If this template is being used for an ROP Reopening or Renewal, and the MACT conditions were established in a PTI, the appropriate footnotes which reference enforceability must be added to each applicable condition in the template.

ADDRESS THE FOLLOWING IN THE STAFF REPORT:
This MACT specifically states in 40 CFR 63.420(g) that if the source is also subject to NSPS Subpart Kb or Subpart XX, the source shall comply only with the provisions in each subpart that contain the most stringent control requirements for that facility. Where this situation arises, be sure to also cite 40 CFR 63.420(g) in the UARs as the authority for why only one requirement applies.

DESCRIPTION

Loading racks, equipped with a vapor collection system, which load gasoline cargo tanks at the bulk gasoline terminal. EULOADRACK must comply with these conditions immediately upon startup.

Flexible Group ID: FG{ID}

POLLUTION CONTROL EQUIPMENT

{Enter specific control equipment used by the facility or NA}

I. EMISSION LIMIT(S)

Pollutant	Limit	Time Period/Operating Scenario	Equipment	Monitoring/Testing Method	Underlying Applicable Requirements
1. Total organic compounds	10 mg / liter of gasoline loaded	Hourly	EULOADRACK emissions through CONTROL	SC V, SC VI.1	**40 CFR 63.420(g), 40 CFR 63.422(b)**

USEPA claims that if the source is subject to the *same* condition for both NSPS and MACT, the permit must identify both NSPS and MACT UARS for that condition. In this situation, the MACT (10 mg/L) is significantly more stringent than NSPS (35 mg/L or 80 mg/L). The source could violate the MACT but still comply with the applicable NSPS limit. 40 CFR 60.502(b) is the UAR for the 35 mg/L limit. 40 CFR 60.502(c) is the UAR for the 80 mg/L limit, which applies to a rack equipped with an "existing vapor processing system," defined as one whose construction or refurbishment began before 12/17/1980 and has not been constructed or refurbished since then.

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. For purposes of this requirement, the term "affected facility" in 40 CFR 60.502 shall mean the loading racks that load gasoline cargo tanks at the bulk gasoline terminals subject to 40 CFR Part 63, Subpart R. The permittee shall comply with the following: **(40 CFR 63.422(a))**
   a. The permittee shall equip EULOADRACK with a vapor collection system designed to collect the total organic compounds vapors displaced from gasoline cargo tanks during product loading. **(40 CFR 60.502(a))**
   b. Each vapor collection system shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack. **(40 CFR 60.502(d))**
   c. The permittee shall only load gasoline cargo tanks equipped with vapor collection equipment that is compatible with the vapor collection system. **(40 CFR 60.502(f))**
   d. The permittee shall assure that the vapor collection system is connected during each loading of a gasoline cargo tank, including training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks. **(40 CFR 60.502(g))**
   e. The permittee shall design and operate the vapor collection and liquid loading equipment to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d). **(40 CFR 60.502(h))**
   f. No pressure-vacuum vent in the vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water). **(40 CFR 60.502(i))**

2. For purposes of this requirement, the term "tank truck" as used in 40 CFR 60.502(e) shall mean "cargo tank." The permittee shall comply with 40 CFR 60.502(e) as follows: **(40 CFR 63.422(c))**
   a. 40 CFR 60.502(e)(5) is changed to read: The terminal owner or operator shall take steps assuring that the non-vapor-tight gasoline cargo tank will not be reloaded at the facility until vapor tightness documentation for that gasoline cargo tank is obtained which documents that:
      i. The tank truck or railcar gasoline cargo tank meets the test requirements in 40 CFR 63.425(e), or the railcar gasoline cargo tank meets applicable test requirements in 40 CFR 63.425(i);
      ii. For each gasoline cargo tank failing the test in 40 CFR 63.425(f) or (g) at the facility, the cargo tank either meets the test requirements in 40 CFR 63.425(g) or (h) before repair work is performed, or subsequently passes the annual certification test described in 40 CFR 63.425(e) after repair work is performed before or during the tests in 40 CFR 63.425(g) or (h).

3. As an alternative to 40 CFR 60.502(h) and (i), specified in SC III.1, the permittee may design and operate the vapor processing system, vapor collection system, and liquid loading equipment to prevent gauge pressure in the railcar gasoline cargo tank from exceeding the applicable test limits in 40 CFR 63.425(e) and (i) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d). No pressure-vacuum vent in the bulk gasoline terminal's vapor processing system or vapor collection system may begin to open at a system pressure less than the applicable test limits in 40 CFR 63.425(e) or (i). **(40 CFR 63.422(e))**

4. The permittee shall operate the vapor processing system in a manner not to exceed the operating parameter value for the parameter described in 40 CFR 63.427(a)(1) and (2), or to go below the operating parameter value for the parameter described in 40 CFR 63.427(a)(3) and established using the procedures in 40 CFR 63.425(b). In cases where an alternative parameter pursuant to 40 CFR 63.427(a)(5) is approved, the permittee shall operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the alternative operating parameter value. Operation of the vapor processing system in a manner exceeding or going below the operating parameter value, as specified above, shall constitute a violation of the emission standard in 40 CFR 63.422(b). **(40 CFR 63.427(b))**

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**
Permit staff – Change above UAR to Rule 201(3) if using in a PTI.

1. Within 180 days after commencement of trial operation, the permittee shall conduct a performance test on the vapor processing and collection systems according to either of the following:
   a. Use the test methods and procedures in 40 CFR 60.503, except a reading of 500 ppm shall be used to determine the level of leaks to be repaired under 40 CFR 60.503(b), or
   b. Use alternative test methods and procedures in accordance with the requirements in 40 CFR 63.7(f).

   The permittee shall notify the AQD District Supervisor in writing of the intention to conduct a performance test, at least 60 calendar days before the test is scheduled to begin, in accordance with 40 CFR 63.7(c)(2). Stack testing procedures and the location of stack testing ports shall be in accordance with the applicable federal Reference Methods, 40 CFR Part 60, Appendix A. No less than 30 days prior to testing, the permittee shall submit a complete test plan to the AQD. The AQD must approve the final plan prior to testing. Verification of emission rates includes the submittal of a complete report of the test results to the AQD within 60 days following the last date of the test. **(40 CFR 63.7(c)(2), 40 CFR 63.425(a))**

2. For each performance test conducted on the vapor processing and collection system according to 40 CFR 63.425(a), the permittee shall determine a monitored operating parameter value for the vapor processing system using the procedures in 40 CFR 63.425(b). **(40 CFR 63.425(b))**

3. If a flare is used, the permittee shall demonstrate that the flare and associated vapor collection system are in compliance with the requirements in 40 CFR 63.11(b) and 40 CFR 60.503(a), (b), and (d). **(40 CFR 63.425(a)(2))**

4. The permittee shall perform the following tests:
   a. Annual certification test for gasoline cargo tanks as specified in 40 CFR 63.425(e);
   b. Leak detection test as specified in 40 CFR 63.425(f);
   c. Nitrogen pressure decay field test, for those cargo tanks with manifolded product lines, as specified in 40 CFR 63.425(g);
   d. Continuous performance pressure decay test as specified in 40 CFR 63.425(h);
   e. As an alternative to the annual certification test specified in 40 CFR 63.425(e), a railcar bubble leak test, as specified in 40 CFR 63.425(i).

See Appendix 5

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**
Permit staff – Change above UAR to Rule 201(3) if using in a PTI.

1. The permittee shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a Continuous Monitoring System (CMS) for the CONTROL DEVICE as follows: **(40 CFR 63.427(a))** **Select the appropriate control device and renumber as appropriate.**
   a. Where a carbon adsorption system is used, a Continuous Emission Monitoring System (CEMS) capable of measuring organic compound concentration shall be installed in the exhaust air stream. **(40 CFR 63.427(a)(1))**
   b. Where a refrigeration condenser system is used, a continuous parameter monitoring system (CPMS) capable of measuring temperature shall be installed immediately downstream from the outlet to the condenser section. Alternatively, a CEMS capable of measuring organic compound concentration may be installed in the exhaust air stream. **(40 CFR 63.427(a)(2))**

c. Where a thermal oxidation system is used, a continuous parameter monitoring system (CPMS) capable of measuring temperature shall be installed in the firebox or in the ductwork immediately downstream from the firebox in a position before any substantial heat exchange occurs. **(40 CFR 63.427(a)(3))**

d. Where a flare meeting the requirements in 40 CFR 63.11(b) is used, a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, must be installed in proximity to the pilot light to indicate the presence of a flame. **(40 CFR 63.427(a)(4))**

Monitoring an alternative operating parameter or a parameter of a vapor processing system other than that identified above, will be allowed upon demonstrating to the satisfaction of the USEPA that the alternative parameter demonstrates continuous compliance with the emission standard in 40 CFR 63.422(b) or 40 CFR 60.112b(a)(3)(ii). **(40 CFR 63.427(a)(5))**

2. During each performance test, the permittee shall continuously record the operating parameter under 40 CFR 63.427(a). **(40 CFR 63.425(b)(1))**

3. The permittee shall keep records of the test results for each gasoline cargo tank loading at the facility as follows: **(40 CFR 63.428(b))**

   a. Annual certification testing performed under 40 CFR 63.425(e) and railcar bubble leak testing performed under 40 CFR 63.425(i). **(40 CFR 63.428(b)(1))**

   b. Continuous performance testing performed at any time at that facility under 40 CFR 63.425 (f), (g), and (h). **(40 CFR 63.428(b)(2))**

   The documentation for each test shall include, as a minimum, the information specified in 40 CFR 63.428(b)(3)(i) through (viii). **(40 CFR 63.428(b)(3))**

4. The permittee shall keep all records specified in 40 CFR 63.428(c), including the following: **(40 CFR 63.428(c))**

   a. An up-to-date, readily accessible record of the continuous monitoring data required under 40 CFR 63.427(a), indicating the time intervals during which loadings of gasoline cargo tanks have occurred. Alternatively, the permittee may record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record. **(40 CFR 63.428(c)(1))**

   b. Records as specified in 40 CFR 63.428(c)(2), which include all of the following: **(40 CFR 63.428(c)(2))**

      i. All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under 40 CFR 63.425(b); and

      ii. When using a flare under the provisions of 40 CFR 63.11(b) to comply with 40 CFR 63.422(b), the flare design (i.e., steam-assisted, air-assisted, or non-assisted); and all visible emissions readings, heat content determinations, flow rate measurements, and exit velocity determinations made during the compliance determination required under 40 CFR 63.425(a).

5. The permittee may request approval from the USEPA to use a vapor processing system or monitor an operating parameter other than those specified in 40 CFR 63.427(a), by submitting a description of planned reporting and recordkeeping procedures. The permittee shall then comply with all approved monitoring, reporting and recordkeeping requirements. **(40 CFR 63.428(c)(3))**

6. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in 40 CFR 63.428(b), the permittee may comply with the following requirements. **(40 CFR 63.428(k))**

   a. An electronic copy of each record shall be instantly available at the terminal. The copy of each record in 40 CFR 63.428(k)(1) shall be an exact duplicate image of the original paper record with certifying signatures. **(40 CFR 63.428(k)(1))**

   b. For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation shall be made available (e.g., via facsimile) for inspection by permitting authority representatives during the course of a site visit, or within a mutually agreeable time frame. The copy of each record in 40 CFR 63.428(k)(2) shall be an exact duplicate image of the original paper record with certifying signatures. **(40 CFR 63.428(k)(2))**

7. For any performance tests conducted after the initial test, the permittee shall document the reasons for any change since the previous test in the operating parameter value established pursuant to SC V.2. **(40 CFR 63.425(c))**

See Appendices {Enter 3, 4, and/or 7}

VII. REPORTING

Permit Staff – SC VII.1, 2, and 3, references to Rule 213 are ROP only. Remove before putting into a PTI. Renumber as appropriate.

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**

2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be received by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**

3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be received by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

4. The permittee shall report the following, simultaneously with the notification of compliance status required under 40 CFR 63.9(h): **(40 CFR 63.428(c)(2))**

   a. All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under 40 CFR 63.425(b): **(40 CFR 63.428(c)(2)(i))**

   b. The following information when using a flare under provisions of 40 CFR 63.11(b) to comply with 40 CFR 63.422(b): **(40 CFR 63.428(c)(2)(ii))**

      i. Flare design (i.e., steam-assisted, air-assisted, or non-assisted); and

      ii. All visible emissions readings, heat content determinations, flow rate measurements, and exit velocity determinations made during the compliance determination required under 40 CFR 63.425(a).

5. The permittee may request approval from the USEPA to use a vapor processing system or monitor an operating parameter other than those specified in 40 CFR 63.427(a), by submitting a description of planned reporting and recordkeeping procedures. The permittee shall then comply with all approved reporting requirements. **(40 CFR 63.428(c)(3))**

6. The permittee shall include in a semiannual report to the AQD District Supervisor, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility. **(40 CFR 63.428(g)(1))**

7. The permittee shall submit an excess emissions report to the AQD District Supervisor, in accordance with 40 CFR 63.10(e)(3), whether or not a CMS is installed at the facility. The following occurrences are excess emissions events under this subpart, and the following information shall be included in the excess emissions report, as applicable: **(40 CFR 63.428(h))**

   a. Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR 63.425(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS. **(40 CFR 63.428(h)(1))**

   b. Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the owner or operator failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained. **(40 CFR 63.428(h)(2))**

   c. Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR 63.422(c)(2). **(40 CFR 63.428(h)(3))**

8. If the permittee chooses to comply with the requirements of 40 CFR 63.428(k) for keeping records of cargo tank test results, rather than the requirements of 40 CFR 63.428(b), as provided in SC VI.5, the permittee shall notify

the AQD District Supervisor, in writing, that the terminal is in compliance with 40 CFR 63.428(k)(1) or (2). **(40 CFR 63.428(k))**

See Appendix 8- Permit Staff: Remove if PTI since this is ROP only.

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subpart R for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) by the initial compliance date. If subject to applicable provisions of 40 CFR Part 60, Subpart Kb or XX, the permittee shall comply only with the provisions in each subpart that contain the most stringent control requirements for that facility. **(40 CFR Part 60, Subparts Kb and XX, 40 CFR Part 63, Subpart R)**

Remove these footnotes if no PTIs are associated with this emission unit.

Footnotes:

[1]This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

[2]This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

EUIFRTANKS
EMISSION UNIT CONDITIONS
40 CFR Part 63, Subpart R - Gasoline Distribution Facilities covers major sources of HAPs.

Red text identifies options. Select the option that applies to the source and change the text to black. Delete red text that does not apply and renumber conditions if necessary.

Blue text is guidance or notes on the use of the template. Delete all blue text prior to issuing the final permit or submitting it with a permit application. Read through all conditions. Select the appropriate conditions for the existing, (or future if the permittee wants the option to change) control equipment. Some conditions have dates based on whether the source is new or existing. Be sure to use the appropriate date where there are choices.

If this template is being used for an ROP Reopening or Renewal, and the MACT conditions were established in a PTI, the appropriate footnotes which reference enforceability must be added to each applicable condition in the template.

ADDRESS THE FOLLOWING IN THE STAFF REPORT:
This MACT specifically states in 40 CFR 63.420(g) that if the source is also subject to NSPS Subpart Kb or Subpart XX, the source shall comply only with the provisions in each subpart that contain the most stringent control requirements for that facility. Where this situation arises, be sure to also cite 63.420(g) in the UARs as the authority for why only one requirement applies.

If the ROP covers Internal Floating Roof (IFR) tanks that do not belong in this group, you may use a different EU/FG name.

DESCRIPTION

One or more gasoline storage tanks, with a design capacity ≥ 75 m^3 (19,813 gallons), equipped with an internal floating roof. EUIFRTANKS must comply with these conditions immediately upon startup.

Flexible Group ID: FG{ID}

POLLUTION CONTROL EQUIPMENT

{Enter specific control equipment used by the facility or NA}

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

Closed-vent systems for gasoline IFR tanks are quite rare in Michigan. If a closed-vent system or an approved alternative is used, check Subpart Kb for requirements. Add appropriate condition(s) and reference 40 CFR 60.112b(a)(3) or (4). Be sure to include associated monitoring, recordkeeping, and reporting requirements. (40 CFR 60.112b(a)(2), (3) and (4) are for external floating roofs, closed vent systems and control devices, and equivalent systems, respectively.

1. The permittee shall equip each gasoline storage tank in EUIFRTANKS according to the requirements of 40 CFR 60.112b(a)(1) through (4) as follows: **(40 CFR 63.423(a))**

   a. The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible. **(40 CFR 60.112b(a)(1)(i))**

   b. Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof: **(40 CFR 60.112b(a)(1)(ii))**

      i. A foam or liquid-filled seal mounted in contact with the liquid (liquid-mounted seal). A liquid-mounted seal means a foam or liquid-filled seal mounted in contact with the liquid between the wall of the storage vessel and the floating roof continuously around the circumference of the tank.

      ii. Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

      iii. A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

   c. Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface. **(40 CFR 60.112b(a)(1)(iii))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**
Permit staff – Change above UAR to Rule 201(3) if using in a PTI.

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**
Permit staff – Change above UAR to Rule 201(3) if using in a PTI.

Closed-vent systems for gasoline IFR tanks are quite rare in Michigan. If a closed-vent system or an approved alternative is used, check Subpart Kb for requirements. Add appropriate condition(s) and reference 40 CFR 63.425(b).

1. The permittee shall comply with the monitoring requirements of 40 CFR 60.113b as follows: **(40 CFR 63.427(c))**

   a. Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with volatile organic liquid (VOL). If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, repair the items before filling the storage vessel. **(40 CFR 60.113b(a)(1))**

   b. For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the USEPA in the inspection report required in 40 CFR 60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired, or the vessel will be emptied as soon as possible. **(40 CFR 60.113b(a)(2))**

   c. For vessels equipped with a double-seal system as specified in 40 CFR 60.112b(a)(1)(ii)(B): **(40 CFR 60.113b(a)(3))**

      i. Visually inspect the vessel, as specified in SC VI.1.d below, at least every 5 years; or

ii. Visually inspect the vessel as specified in SC VI.1.b above.

d. Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10% open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in 40 CFR 60.113b(a)(2) and 40 CFR 60.113b(a)(3)(ii) and at intervals no greater than 5 years in the case of vessels specified in 40 CFR 60.113b(a)(3)(i). **(40 CFR 60.113b(a)(4))**

3. For each storage vessel in EUIFRTANKS that is subject to 40 CFR 63.423, the permittee shall comply with the monitoring requirements in 40 CFR 60.116b as follows: **(40 CFR 63.427(c))**

   a. For each storage vessel, keep readily accessible records showing the dimensions of the tank and an analysis showing the capacity of the tank. This record shall be kept for the life of the tank. **(40 CFR 60.116b(b))**

   b. Except as provided in 40 CFR 60.116b(f) and (g), for each storage vessel either with a design capacity greater than or equal to 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa, maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. **(40 CFR 60.116b(c))**

   c. Except as provided in 40 CFR 60.116b(g), for each storage vessel either with a design capacity greater than or equal to 151 m^3 storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kPa or with a design capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure that is normally less than 27.6 kPa, notify the AQD District Supervisor within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. **(40 CFR 60.116b(d))**

   d. Use available data on the storage temperature to determine the maximum true vapor pressure as determined by 40 CFR 60.116b(e). **(40 CFR 60.116b(e))**

   e. For each vessel storing a waste mixture of indeterminate or variable composition, prior to the initial filling, determine the maximum true vapor pressure for the range of anticipated liquid compositions to be stored using the methods listed in 40 CFR 60.116b(e). **(40 CFR 60.116b(f)(1))**

   f. For each vessel storing a waste mixture of indeterminate or variable composition, if the vapor pressure of the anticipated liquid composition is above the cutoff for monitoring but below the cutoff for controls as defined in 40 CFR 60.112b(a), conduct an initial physical test of the vapor pressure, and repeat once every 6 months thereafter, using one of the methods listed in 40 CFR 60.116b(f)(2). **(40 CFR 60.116b(f)(2))**

4. The permittee shall keep records as specified in 40 CFR 60.115b. These include a record of each inspection performed as required by 40 CFR 60.113b(a)(1) through (4), identifying the tank on which the inspection was performed, the date the tank was inspected, and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings). **(40 CFR 63.428(d), 40 CFR 60.115b(a)(2))**

See Appendices {Enter 3, 4, and/or 7}

VII. REPORTING

Closed-vent systems for gasoline IFR tanks are quite rare in Michigan. If a closed-vent system or an approved alternative is used, check Subpart Kb for requirements. Add appropriate condition(s) and reference 40 CFR 63.428(d) and 40 CFR 60.115b(c).

Permit Staff – SC VII.1, 2, and 3, references to Rule 213 are ROP only. Remove before putting into a PTI. Renumber as appropriate.

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**

2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**

3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

4. The permittee shall furnish the following reports as specified in 40 CFR 60.115b: **(40 CFR 63.428(d))**

   a. A report, submitted as an attachment to the notification required by 40 CFR 60.7(a)(3), that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(1) and 40 CFR 60.113b(a)(1). **(40 CFR 60.115b(a)(1))**

   b. If any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 40 CFR 60.113b(a)(2), a report, furnished to the USEPA within 30 days of the inspection, identifying the tank, the nature of the defects, and the date the tank was emptied or the nature of and date the repair was made. **(40 CFR 60.115b(a)(3))**

   c. After each inspection required by 40 CFR 60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in 40 CFR 60.113b(a)(3)(ii), a report, furnished to the USEPA within 30 days of the inspection, identifying the tank and the reason it did not meet the specifications of 40 CFR 61.112b(a)(1) or 40 CFR 60.113b(a)(3), and list each repair made. **(40 CFR 60.115b(a)(4))**

5. The permittee shall include in a semiannual report to the AQD District Supervisor, periodic reports required under 40 CFR 63.428(d). **(40 CFR 63.428(g)(2))**

6. The permittee shall notify the AQD District Supervisor in writing at least 30 days before filling or refilling any storage vessel in EUIFRTANKS for which an inspection is required by 40 CFR 60.113b(a)(1) and (a)(4), except as allowed by 40 CFR 60.113b(a)(5). **(40 CFR 60.113b(a)(5))**

See Appendix 8- Permit Staff: Remove if PTI since this is ROP only.

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subpart R for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) by the initial compliance date. If subject to the applicable provisions of 40 CFR Part 60, Subpart Kb or XX, the permittee shall comply only with the provisions in each subpart that contain the most stringent control requirements for that facility. **(40 CFR Part 60, Subparts Kb and XX, 40 CFR Part 63, Subpart R)**

Remove these footnotes if no PTIs are associated with this emission unit.

Footnotes:

[1]This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

[2]This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

EUEFRTANKS
EMISSION UNIT CONDITIONS
40 CFR Part 63, Subpart R covers major sources of HAPs.

Red text identifies options. Select the option that applies to the source and change the text to black. Delete red text that does not apply and renumber conditions if necessary.

Blue text is guidance or notes on the use of the template. Delete all blue text prior to issuing the final permit or submitting it with a permit application. Read through all conditions. Select the appropriate conditions for the existing, (or future if the permittee wants the option to change) control equipment. Some conditions have dates based on whether the source is new or existing. Be sure to use the appropriate date where there are choices.

If this template is being used for an ROP Reopening or Renewal, and the MACT conditions were established in a PTI, the appropriate footnotes which reference enforceability must be added to each applicable condition in the template.

ADDRESS THE FOLLOWING IN THE STAFF REPORT:
This MACT specifically states in 40 CFR 63.420(g) that if the source is also subject to NSPS Subpart Kb or Subpart XX, the source shall comply only with the provisions in each subpart that contain the most stringent control requirements for that facility. Where this situation arises, be sure to also cite 40 CFR 63.420(g) in the UARs as the authority for why only one requirement applies.

If the ROP covers EFR tanks that do not belong in this group, you may use a different EU/FG name.

DESCRIPTION

Gasoline storage tanks, with design capacities greater than or equal to 75 m^3 (19,813 gallons), each equipped with an external floating roof. EUEFRTANKS must comply with these conditions immediately upon startup.

Flexible Group ID: FG{ID}

POLLUTION CONTROL EQUIPMENT

{Enter specific control equipment used by the facility or NA}

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

NA

IV. DESIGN/EQUIPMENT PARAMETER(S)

1. The permittee shall equip each tank in EUEFRTANKS according to the requirements of 40 CFR 60.112b(a)(2), as follows: **(40 CFR 63.423(a))**
   a. Each external floating roof shall be equipped with a closure device between the wall of the storage vessel and the roof edge. The closure device is to consist of two seals, one above the other. The lower seal is referred to as the primary seal, and the upper seal is referred to as the secondary seal. **(40 CFR 60.112b(a)(2)(i))**

i. The primary seal shall be either a mechanical shoe seal or a liquid-mounted seal. Except as provided in 40 CFR 60.113b(b)(4), the seal shall completely cover the annular space between the edge of the floating roof and tank wall, and shall meet the following requirements: **(40 CFR 60.112b(a)(2)(i)(A))**

A. The accumulated area of gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal shall not exceed 212 cm^2 per meter of tank diameter, and the width of any portion of any gap shall not exceed 3.81 cm. **(40 CFR, 60.113b(b)(4)(i))**

B. One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface. **(40 CFR, 60.113b(b)(4)(i)(A))**

C. There are to be no holes, tears, or other openings in the shoe, seal fabric, or seal envelope. **(40 CFR, 60.113b(b)(4)(i)(B))**

ii. The secondary seal shall completely cover the annular space between the external floating roof and the wall of the storage vessel in a continuous fashion, and shall meet the following requirements: **(40 CFR 60.112b(a)(2)(i)(B))**

A. The secondary seal is to be installed above the primary seal so that it completely covers the space between the roof edge and the tank wall, except as provided in 40 CFR 60.113b(b)(2)(iii). **(40 CFR 60.113b(b)(4)(ii)(A))**

B. The accumulated area of gaps between the tank wall and the secondary seal shall not exceed 21.2 cm^2 per meter of tank diameter, and the width of any portion of any gap shall not exceed 1.27 cm. **(40 CFR 60.113b(b)(4)(ii)(B))**

C. There are to be no holes, tears, or other openings in the seal or seal fabric. **(40 CFR 60.113b(b)(4)(ii)(C))**

b. The roof shall be floating on the liquid at all times (i.e., off the roof leg supports) except during initial fill until the roof is lifted off leg supports and when the tank is completely emptied and subsequently refilled. The process of filling, emptying, or refilling when the roof is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. **(40 CFR 60.112b(a)(2)(iii))**

2. For each tank in EUEFRTANKS that does not meet SC IV.1.a above, the permittee shall comply with the following: Except for automatic bleeder vents and rim space vents, each opening in a noncontact external floating roof shall provide a projection below the liquid surface. Except for automatic bleeder vents, rim space vents, roof drains, and leg sleeves, each opening in the roof is to be equipped with a gasketed cover, seal, or lid that is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. Automatic bleeder vents are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports. Rim vents are to be set to open when the roof is being floated off the roof legs supports or at the manufacturer's recommended setting. Automatic bleeder vents and rim space vents are to be gasketed. Each emergency roof drain is to be provided with a slotted membrane fabric cover that covers at least 90% of the area of the opening. **(40 CFR 63.423(b), 40 CFR 60.112b(a)(2)(ii))**

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**
Permit staff – Change above UAR to Rule 201(3) if using in a PTI.

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii), 40 CFR 63.428(d))**
Permit staff – Change above UAR to Rule 201(3) if using in a PTI.

1. The permittee shall comply with the 40 CFR 60.113b. These requirements include the following: **(40 CFR63.425(d))**

a. Determine the gap areas and maximum gap widths, between the primary seal and the wall of the storage vessel and between the secondary seal and the wall of the storage vessel according to the following frequency. **(40 CFR 60.113b(b)(1))**

i. Measurements of gaps between the tank wall and the primary seal (seal gaps) shall be performed during the hydrostatic testing of the vessel or within 60 days of the initial fill with volatile organic liquid (VOL) and at least once every 5 years thereafter. **(40 CFR 60.113b(b)(1)(i))**

ii. Measurements of gaps between the tank wall and the secondary seal shall be performed within 60 days of the initial fill with VOL and at least once per year thereafter. **(40 CFR 60.113b(b)(1)(ii))**

iii. If any source ceases to store VOL for a period of 1 year or more, subsequent introduction of VOL into the vessel shall be considered an initial fill for the purposes of 40 CFR 60.113b(b)(1)(i) and 40 CFR 60.113b(b)(1)(ii). **(40 CFR 60.113b(b)(1)(iii))**

b. Determine gap widths and areas in the primary and secondary seals individually by the following procedures: **(40 CFR 60.113b(b)(2))**

i. Measure seal gaps, if any, at one or more floating roof levels when the roof is floating off the roof leg supports. **(40 CFR 60.113b(b)(2)(i))**

ii. Measure seal gaps around the entire circumference of the tank in each place where a 0.32-cm diameter uniform probe passes freely (without forcing or binding against seal) between the seal and the wall of the storage vessel and measure the circumferential distance of each such location. **(40 CFR 60.113b(b)(2)(ii))**

iii. The total surface area of each gap described in paragraph 40 CFR 60.113b(b)(2)(ii) of this section shall be determined by using probes of various widths to measure accurately the actual distance from the tank wall to the seal and multiplying each such width by its respective circumferential distance. **(40 CFR 60.113b(b)(2)(iii))**

c. Add the gap surface area of each gap location for the primary seal and the secondary seal individually and divide the sum for each seal by the nominal diameter of the tank and compare each ratio to the respective standards in 40 CFR 60.113b(b)(4). **(40 CFR 60.113b(b)(3))**

d. Make necessary repairs or empty the storage vessel within 45 days of identification in any inspection for seals not meeting the requirements listed below: **(40 CFR 60.113b(b)(4))**

i. The accumulated area of gaps between the tank wall and the mechanical shoe or liquid-mounted primary seal shall not exceed 212 cm^2 per meter of tank diameter, and the width of any portion of any gap shall not exceed 3.81 cm. **(40 CFR 60.113b(b)(4)(i))**

A. One end of the mechanical shoe is to extend into the stored liquid, and the other end is to extend a minimum vertical distance of 61 cm above the stored liquid surface.

B. There are to be no holes, tears, or other openings in the shoe, seal fabric, or seal envelope.

ii. The secondary seal is to meet the following requirements: **(40 CFR 60.113b(b)(4)(ii))**

A. The secondary seal is to be installed above the primary seal so that it completely covers the space between the roof edge and the tank wall except as provided in 40 CFR 60.113b(b)(2)(iii).

B. The accumulated area of gaps between the tank wall and the secondary seal shall not exceed 21.2 cm^2 per meter of tank diameter, and the width of any portion of any gap shall not exceed 1.27 cm.

C. There are to be no holes, tears, or other openings in the seal or seal fabric.

iii. If a failure that is detected during inspections required above cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the USEPA in the inspection report required in 40 CFR 60.115b(b)(4). Such extension request must include a demonstration of unavailability of alternate storage capacity and a specification of a schedule that will assure that the control equipment will be repaired, or the vessel will be emptied as soon as possible. **(40 CFR 60.113b(b)(4)(iii))**

e. Visually inspect the external floating roof, the primary seal, secondary seal, and fittings each time the vessel is emptied and degassed. **(40 CFR 60.113b(b)(6))**

i. If the external floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before filling or refilling the storage vessel with VOL. **(40 CFR 60.113b(b)(6)(i))**

2. For each storage vessel in EUEFRTANKS that is subject to 40 CFR 63.423, the permittee shall comply with the monitoring requirements in 40 CFR 60.116b as follows: **(40 CFR 63.427(c))**

   a. For each storage vessel, keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. This record shall be kept for the life of the storage vessel. **(40 CFR 60.116b(b))**

   b. Except as provided in 40 CFR 60.116b(f) and (g), for each storage vessel either with a design capacity greater than or equal to 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa, the permittee shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period. **(40 CFR 60.116b(c))**

   c. Except as provided in 40 CFR 60.116b(g), for each storage vessel either with a design capacity greater than or equal to 151 m^3 storing a liquid with a maximum true vapor pressure less than 5.2 kPa or with a design capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure less than 27.6 kPa, notify the AQD District Supervisor within 30 days when the maximum true vapor pressure of the liquid exceeds the respective maximum true vapor pressure values for each volume range. **(40 CFR 60.116b(d))**

   d. Use available data on the storage temperature to determine the maximum true vapor pressure as determined by 40 CFR 60.116b(e). **(40 CFR 60.116b(e))**

   e. For each vessel storing a waste mixture of indeterminate or variable composition, prior to the initial filling, determine the maximum true vapor pressure for the range of anticipated liquid compositions to be stored using the methods listed in 40 CFR 60.116b(e). **(40 CFR 60.116b(f)(1))**

   f. For each vessel storing a waste mixture of indeterminate or variable composition, if the vapor pressure of the anticipated liquid composition is above the cutoff for monitoring but below the cutoff for controls as defined in 40 CFR 60.112b(a), conduct an initial physical test of the vapor pressure, and repeat once every 6 months thereafter, using one of the methods listed in 40 CFR 60.116b(f)(2) **(40 CFR 60.116b(f)(2))**

3. The permittee shall keep records as specified in 40 CFR 60.115b. These include a record of each gap measurement performed as required by 40 CFR 60.113b(b), identifying the storage vessel in which the measurement was performed, the date of measurement, the raw data obtained in the measurement, and the calculations described in 40 CFR 60.113b(b)(2) and (b)(3). **(40 CFR 60.115b(b)(3), 40 CFR 63.428(d))**

See Appendices {Enter 3, 4, and/or 7}

VII. REPORTING

Permit Staff – SC VII.1, 2, and 3, references to Rule 213 are ROP only. Remove before putting into a PTI. Renumber as appropriate.

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**

2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**

3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

4. The permittee shall furnish reports as specified in 40 CFR 60.115b. These reports include the following: **(40 CFR 63.428(d))**

   a. A report that describes the control equipment and certifies that the control equipment meets the specifications of 40 CFR 60.112b(a)(2) and 40 CFR 60.113b(b)(1) through (4). This report shall be an attachment to the notification required by 40 CFR 60.7(a)(3). **(40 CFR 60.115b(b)(1))**

b. Within 60 days of performing the seal gap measurements required by 40 CFR 60.113b(b)(1), a report that contains the date of measurement, the raw data obtained in the measurement, and the calculations described in 40 CFR 60.113b (b)(2) and (b)(3). **(40 CFR 60.115b(b)(2))**

c. After each seal gap measurement that detects gaps exceeding the limitations specified by 40 CFR 60.113b(b)(4), a report within 30 days of the inspection, identifying the vessel and containing the information specified in paragraph (b)(2) of this section, the date the vessel was emptied or the repairs made, and the date of repair. **(40 CFR 60.115b(b)(4))**

5. The permittee shall include in a semiannual report to the AQD District Supervisor, periodic reports required under 40 CFR 63.428(d). **(40 CFR 63.428(g)(2))**

6. The permittee shall notify the AQD District Supervisor in writing at least 30 days before conducting gap measurements for any storage vessel in EUEFRTANKS required by 40 CFR 60.113b(b)(1). **(40 CFR 60.113b(b)(5))**

7. The permittee shall notify the AQD District Supervisor in writing at least 30 days before filling or refilling any storage vessel in EUEFRTANKS for which an inspection is required by 40 CFR 60.113b(b)(6), except as allowed by 40 CFR 60.113b(b)(6)(ii). **(40 CFR 60.113b(b)(6)(ii))**

See Appendix 8- Permit Staff: Remove if PTI since this is ROP only.

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subpart R for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) by the initial compliance date. If subject to applicable provisions of 40 CFR Part 60, Subpart Kb or Subpart XX, the permittee shall comply only with the provisions in each subpart that contain the most stringent control requirements for that facility. **(40 CFR Part 60, Subparts Kb and XX, 40 CFR Part 63, Subpart R)**

Remove these footnotes if no PTIs are associated with this emission unit.

Footnotes:

[1]This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

[2]This condition is federally enforceable and was established pursuant to Rule 201(1)(a).

D. FLEXIBLE GROUP SPECIAL CONDITIONS

Part D outlines terms and conditions that apply to more than one emission unit. The permittee is subject to the special conditions for each flexible group in addition to the General Conditions in Part A and any other terms and conditions contained in this ROP.

The permittee shall comply with all specific details in the special conditions and the underlying applicable requirements cited. If a specific condition type does not apply, NA (not applicable) has been used in the table. If there are no special conditions that apply to more than one emission unit, this section will be left blank.

FLEXIBLE GROUP SUMMARY TABLE

The descriptions provided below are for informational purposes and do not constitute enforceable conditions.

Flexible Group ID	Flexible Group Description	Associated Emission Unit IDs
FG{ID}	These requirements apply to bulk gasoline terminals and pipeline breakout stations except for those identified in 40 CFR Part 63, Subpart R, 40 CFR 63.420. Bulk gasoline terminal and pipeline breakout station are defined in 40 CFR 63.421.	EULOADRACK, EUIFRTANKS, EUEFRTANKS

FG{ID}
FLEXIBLE GROUP CONDITIONS
40 CFR Part 63, Subpart R – Gasoline Distribution Facilities covers major sources of HAPs.

Red text identifies options. Select the option that applies to the source and change the text to black. Delete red text that does not apply and renumber conditions if necessary.

Blue text is guidance or notes on the use of the template. Delete all blue text prior to issuing the final permit or submitting it with a permit application. Read through all conditions. Select the appropriate conditions for the existing, (or future if the permittee wants the option to change) control equipment. Some conditions have dates based on whether the source is new or existing. Be sure to use the appropriate date where there are choices.

If this template is being used for an ROP Reopening or Renewal, and the MACT conditions were established in a PTI, the appropriate footnotes which reference enforceability must be added to each applicable condition in the template.

ADDRESS THE FOLLOWING IN THE STAFF REPORT:
This MACT specifically states in 40 CFR 63.420(g) that if the source is also subject to NSPS Subpart Kb or Subpart XX, the source shall comply only with the provisions in each subpart that contain the most stringent control requirements for that facility. Where this situation arises, be sure to also cite 40 CFR 63.420(g) in the UARs as the authority for why only one requirement applies.

These requirements apply to the entire gasoline terminal.

DESCRIPTION

These requirements apply to bulk gasoline terminals and pipeline breakout stations except for those identified in 40 CFR Part 63, Subpart R, 40 CFR 63.420. Bulk gasoline terminal and pipeline breakout station are defined in 40 CFR 63.421.

Emission Units: EULOADRACK, EUIFRTANKS, EUEFRTANKS

POLLUTION CONTROL EQUIPMENT

{Enter specific control equipment used by the facility or NA}

I. EMISSION LIMIT(S)

NA

II. MATERIAL LIMIT(S)

NA

III. PROCESS/OPERATIONAL RESTRICTION(S)

1. The permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following: **(40 CFR 63.424(g))**
   a. Minimize gasoline spills;
   b. Clean up spills as expeditiously as practicable;
   c. Cover all open gasoline containers with a gasketed seal when not in use;

d. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

IV. DESIGN/EQUIPMENT PARAMETER(S)

NA

V. TESTING/SAMPLING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**
Permit staff – Change above UAR to Rule 201(3) if using in a PTI.

NA

VI. MONITORING/RECORDKEEPING

Records shall be maintained on file for a period of five years. **(R 336.1213(3)(b)(ii))**
Permit staff – Change above UAR to Rule 201(3) if using in a PTI.

1. The permittee shall perform a monthly leak inspection of all equipment in gasoline service. For this inspection, detection methods incorporating sight, sound, and smell are acceptable. Each piece of equipment shall be inspected during the loading of a gasoline cargo tank. **(40 CFR 63.424(a))**
   a. A logbook shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility. **(40 CFR 63.424(b))**
   b. Each detection of a liquid or vapor leak shall be recorded in the logbook. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in SC VI.1.d below. **(40 CFR 63.424(c))**
   c. Delay of repair of leaking equipment will be allowed upon a demonstration to the USEPA that repair within 15 days is not feasible. The owner or operator shall provide the reason(s) a delay is needed and the date by which each repair is expected to be completed. **(40 CFR 63.424(d))**
   d. As an alternative to compliance with the provisions in 40 CFR 63.424(a) through (d), the permittee may implement an instrument leak monitoring program that has been demonstrated to the USEPA as at least equivalent. **(40 CFR 63.424(f))**

2. The permittee shall record the following information in a logbook for each leak that is detected, while complying with the provisions of SC VI.1 above. **(40 CFR 63.428(e))**
   a. The equipment type and identification number; **(40 CFR 63.428(e)(1))**
   b. The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell); **(40 CFR 63.428(e)(2))**
   c. The date the leak was detected and the date of each attempt to repair the leak; **(40 CFR 63.428(e)(3))**
   d. Repair methods applied in each attempt to repair the leak; **(40 CFR 63.428(e)(4))**
   e. "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak; **(40 CFR 63.428(e)(5))**
   f. The expected date of successful repair of the leak if the leak is not repaired within 15 days; and **(40 CFR 63.428(e)(6)**
   g. The date of successful repair of the leak. **(40 CFR 63.428(e)(7))**

See Appendices {Enter 3, 4, and/or 7}

VII. REPORTING

Permit Staff – SC VII.1, 2, and 3, references to Rule 213 are ROP only. Remove before putting into a PTI. Renumber as appropriate.

1. Prompt reporting of deviations pursuant to General Conditions 21 and 22 of Part A. **(R 336.1213(3)(c)(ii))**

2. Semiannual reporting of monitoring and deviations pursuant to General Condition 23 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for reporting period July 1 to December 31 and September 15 for reporting period January 1 to June 30. **(R 336.1213(3)(c)(i))**

3. Annual certification of compliance pursuant to General Conditions 19 and 20 of Part A. The report shall be postmarked or received by the appropriate AQD District Office by March 15 for the previous calendar year. **(R 336.1213(4)(c))**

4. The permittee shall submit reports for FG{ID} in accordance with the National Emission Standards for Hazardous Air Pollutants (NESHAP) as specified in 40 CFR Part 63 Subparts A and R, as they apply to FG{ID}. **(40 CFR Part 63, Subparts A and R)**

5. The permittee shall include in a semiannual report to the AQD District Supervisor, the number of equipment leaks not repaired within 5 days after detection. **(40 CFR 63.428(g)(3))**

6. The permittee shall submit an excess emissions report to the AQD District Supervisor, in accordance with 40 CFR 63.10(e)(3), whether or not a CMS is installed at the facility. The following occurrences are excess emissions events under this subpart, and the following information shall be included in the excess emissions report, as applicable: **(40 CFR 63.428(h))**

   a. For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection: **(40 CFR 63.428(h)(4))**

      i. The date on which the leak was detected;

      ii. The date of each attempt to repair the leak;

      iii. The reasons for the delay of repair; and

      iv. The date of successful repair.

See Appendix 8- Permit Staff: Remove if PTI since this is ROP only.

VIII. STACK/VENT RESTRICTION(S)

NA

IX. OTHER REQUIREMENT(S)

1. The permittee shall comply with all applicable provisions of the National Emission Standards for Hazardous Air Pollutants, as specified in 40 CFR Part 63, Subpart A and Subpart R for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations) by the initial compliance date. **(40 CFR Part 63, Subparts A and R)**

Remove these footnotes if no PTIs are associated with this flexible group.

Footnotes:

[1]This condition is state only enforceable and was established pursuant to Rule 201(1)(b).

[2]This condition is federally enforceable and was established pursuant to Rule 201(1)(a).