Part Three of EPA-RG-2013-009697

Group: PCS 0002 G-22 Process Unit

FUG 0005 107 - G-143a Production Fugitive Emissions (G-22 Unit)

403	[40 CFR 63.169(a)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)] Which Months: All Year Statistical Basis: None specified
404	[40 CFR 63.169(c)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]
405	[40 CFR 63.170]	Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
406	[40 CFR 63.172(f)(1)(i)]	Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)] Which Months: All Year Statistical Basis: None specified
407	[40 CFR 63.172(f)(1)(ii)]	Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)] Which Months: All Year Statistical Basis: None specified
408	[40 CFR 63.172(f)(2)(i)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)] Which Months: All Year Statistical Basis: None specified
409	[40 CFR 63.172(f)(2)(ii)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)] Which Months: All Year Statistical Basis: None specified
410	[40 CFR 63.172(h)]	Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
411	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]

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412	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes. Install flow indicator at the entrance to any bypass line. Subpart H. [40 CFR 63.172(j)(1)] Which Months: All Year Statistical Basis: None specified
413	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart H. [40 CFR 63.172(j)(2)]
414	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Seal or closure mechanism monitored by visual inspection/determination monthly to ensure the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line. Subpart H. [40 CFR 63.172(j)(2)] Which Months: All Year Statistical Basis: None specified
415	[40 CFR 63.172(k)(1)]	Closed-vent system (unsafe-to-inspect): Demonstrate that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
416	[40 CFR 63.172(k)(2)]	Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)] Which Months: All Year Statistical Basis: None specified
417	[40 CFR 63.172(l)(1)]	Closed-vent system (difficult-to-inspect): Demonstrate that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
418	[40 CFR 63.172(l)(2)]	Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)] Which Months: All Year Statistical Basis: None specified
419	[40 CFR 63.172(m)]	Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]
420	[40 CFR 63.173(a)]	Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)] Which Months: All Year Statistical Basis: None specified
421	[40 CFR 63.173(b)]	Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)] Which Months: All Year Statistical Basis: None specified

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422	[40 CFR 63.173(c)]	Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]
423	[40 CFR 63.173(d)(1)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
424	[40 CFR 63.173(d)(2)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
425	[40 CFR 63.173(d)(3)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
426	[40 CFR 63.173(d)(4)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)] Which Months: All Year Statistical Basis: None specified
427	[40 CFR 63.173(d)(6)(i)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
428	[40 CFR 63.173(d)(6)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]
429	[40 CFR 63.173(d)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)] Which Months: All Year Statistical Basis: None specified
430	[40 CFR 63.173(h)(1)]	Agitators in gas/vapor service or light liquid service (difficult to monitor): Demonstrate that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]

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431	[40 CFR 63.173(h)(3)]	Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)] Which Months: All Year Statistical Basis: None specified
432	[40 CFR 63.173(j)(1)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
433	[40 CFR 63.173(j)(2)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)] Which Months: All Year Statistical Basis: None specified
434	[40 CFR 63.174(b)(1)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)] Which Months: All Year Statistical Basis: None specified
435	[40 CFR 63.174(b)(2)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)] Which Months: All Year Statistical Basis: None specified
436	[40 CFR 63.174(b)(3)(i)]	Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)] Which Months: All Year Statistical Basis: None specified
437	[40 CFR 63.174(b)(3)(ii)]	Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
438	[40 CFR 63.174(c)(1)(i)]	Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
439	[40 CFR 63.174(c)(2)(i)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]

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440	[40 CFR 63.174(c)(2)(ii)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)] Which Months: All Year Statistical Basis: None specified
441	[40 CFR 63.174(d)]	Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
442	[40 CFR 63.174(f)(1)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
443	[40 CFR 63.174(f)(2)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)] Which Months: All Year Statistical Basis: None specified
444	[40 CFR 63.174(g)]	Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Demonstrate that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
445	[40 CFR 63.174(h)(2)]	Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
446	[40 CFR 63.174(i)]	Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]
447	[40 CFR 63.180]	Comply with the test methods and procedures requirements provided in 40 CFR 63.180. Subpart H.
448	[40 CFR 63.181]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 63.181(a) through (k). Subpart H.
449	[40 CFR 63.182(b)]	Submit Initial Notification: Due within 120 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]
450	[40 CFR 63.182(c)]	Submit Notification of Compliance Status: Due within 90 days of the compliance dates specified in the 40 CFR 63 subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(c)(1) through (c)(3). Subpart H. [40 CFR 63.182(c)]
451	[40 CFR 63.182(d)]	Submit Periodic Reports: Due semiannually starting 6 months after the Notification of Compliance Status, as required in 40 CFR 63.182(c). Include the information specified in 40 CFR 63.182(d)(2) through (d)(4). Subpart H. [40 CFR 63.182(d)]

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452	[40 CFR 63.9000(a)]	Prepare and operate at all times according to an equipment LDAR plan that describes in detail the measure that will be put in place to detect leaks and repair them in a timely fashion. Submit the plan to DEQ for comment only with the Notification of Compliance Status. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9000(a)]
453	[40 CFR 63.9040(a)]	Demonstrate continuous compliance with 40 CFR 63 Subpart NNNNN, Table 1 and Table 2, as applicable, according to 40 CFR 63 Subpart NNNNN, Table 4 and Table 5. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9040(a)]
454	[LAC 33:III.501.C.6]	Antimony <= 0.06 tons/yr Alternate Operating Scenario (SCN0003): Emissions are from the production of G-143a in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Annual maximum
455	[LAC 33:III.501.C.6]	Antimony <= 0.01 lb/hr Alternate Operating Scenario (SCN0003): Emissions are from the production of G-143a in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Hourly maximum
456	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 1.05 lb/hr Alternate Operating Scenario (SCN0003): Emissions are from the production of G-143a in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Hourly maximum
457	[LAC 33:III.501.C.6]	Antimony <= 0.01 lb/hr Alternate Operating Scenario (SCN0003): Emissions are from the production of G-143a in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Hourly average
458	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 4.58 tons/yr Alternate Operating Scenario (SCN0003): Emissions are from the production of G-143a in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Annual maximum
459	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 1.05 lb/hr Alternate Operating Scenario (SCN0003): Emissions are from the production of G-143a in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Hourly average
460	[LAC 33:III.501]	Comply with 40 CFR 63 Subpart H (HON), LAC 33:III.2122, and LAC 33:III.5109 (Louisiana Non-HON MACT) by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H (HON). [LAC 33:III.501, LAC 33:III.2122.A, 40 CFR 63.160, LAC 33:III.5109]
461	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the requirements of 40 CFR 63 Subpart H (HON) in accordance with the streamlining provisions in 40 CFR Part 70 Specific Condition No. 1 and 40 CFR 63 Subpart NNNNN for specific components in HCl service constitutes MACT.

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462	[40 CFR 63.162(c)]	Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]

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463	[40 CFR 63.162(f)]	Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]
464	[40 CFR 63.163(b)(1)]	Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)] Which Months: All Year Statistical Basis: None specified
465	[40 CFR 63.163(b)(3)]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)] Which Months: All Year Statistical Basis: None specified
466	[40 CFR 63.163(c)]	Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
467	[40 CFR 63.163(d)(2)]	Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
468	[40 CFR 63.163(d)(4)]	Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]
469	[40 CFR 63.163(e)(1)]	Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
470	[40 CFR 63.163(e)(2)]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]
471	[40 CFR 63.163(e)(3)]	Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]

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472	[40 CFR 63.163(e)(4)]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)] Which Months: All Year Statistical Basis: None specified
473	[40 CFR 63.163(e)(6)(i)]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
474	[40 CFR 63.163(e)(6)]	Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]
475	[40 CFR 63.163(e)]	Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)] Which Months: All Year Statistical Basis: None specified
476	[40 CFR 63.163(j)(1)]	Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]
477	[40 CFR 63.163(j)(2)]	Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)] Which Months: All Year Statistical Basis: None specified
478	[40 CFR 63.164(a)]	Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i). Subpart H. [40 CFR 63.164(a)]
479	[40 CFR 63.164(b)]	Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]
480	[40 CFR 63.164(c)]	Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
481	[40 CFR 63.164(d)]	Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]

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482	[40 CFR 63.164(e)(2)]	Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
483	[40 CFR 63.164(g)]	Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
484	[40 CFR 63.164(i)(2)]	Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)] Which Months: All Year Statistical Basis: None specified
485	[40 CFR 63.164]	Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H. Which Months: All Year Statistical Basis: None specified
486	[40 CFR 63.165(a)]	Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)] Which Months: All Year Statistical Basis: None specified
487	[40 CFR 63.165(b)(1)]	Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
488	[40 CFR 63.165(b)(2)]	Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)] Which Months: All Year Statistical Basis: None specified
489	[40 CFR 63.165(d)(2)]	Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
490	[40 CFR 63.166]	Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
491	[40 CFR 63.167]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.

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492	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
493	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
494	[40 CFR 63.168(d)(1)]	Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)] Which Months: All Year Statistical Basis: None specified
495	[40 CFR 63.168(d)(2)]	Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)] Which Months: All Year Statistical Basis: None specified
496	[40 CFR 63.168(e)(1)]	Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]
497	[40 CFR 63.168(f)(3)]	Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)] Which Months: All Year Statistical Basis: None specified
498	[40 CFR 63.168(f)]	Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]
499	[40 CFR 63.168(h)(1)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]
500	[40 CFR 63.168(h)(2)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)] Which Months: All Year Statistical Basis: None specified

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501	[40 CFR 63.168(i)(1)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(1)]
502	[40 CFR 63.168(i)(3)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valves at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(3)] Which Months: All Year Statistical Basis: None specified
503	[40 CFR 63.169(a)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)] Which Months: All Year Statistical Basis: None specified
504	[40 CFR 63.169(c)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]
505	[40 CFR 63.170]	Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
506	[40 CFR 63.172(f)(1)(i)]	Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)] Which Months: All Year Statistical Basis: None specified
507	[40 CFR 63.172(f)(1)(ii)]	Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)] Which Months: All Year Statistical Basis: None specified
508	[40 CFR 63.172(f)(2)(i)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)] Which Months: All Year Statistical Basis: None specified

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509	[40 CFR 63.172(f)(2)(ii)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)] Which Months: All Year Statistical Basis: None specified
510	[40 CFR 63.172(h)]	Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
511	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]
512	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes. Install flow indicator at the entrance to any bypass line. Subpart H. [40 CFR 63.172(j)(1)] Which Months: All Year Statistical Basis: None specified
513	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart H. [40 CFR 63.172(j)(2)]
514	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Seal or closure mechanism monitored by visual inspection/determination monthly to ensure the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line. Subpart H. [40 CFR 63.172(j)(2)] Which Months: All Year Statistical Basis: None specified
515	[40 CFR 63.172(k)(1)]	Closed-vent system (unsafe-to-inspect): Demonstrate that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
516	[40 CFR 63.172(k)(2)]	Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)] Which Months: All Year Statistical Basis: None specified
517	[40 CFR 63.172(l)(1)]	Closed-vent system (difficult-to-inspect): Demonstrate that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
518	[40 CFR 63.172(l)(2)]	Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)] Which Months: All Year Statistical Basis: None specified
519	[40 CFR 63.172(m)]	Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]

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520	[40 CFR 63.173(a)]	Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)] Which Months: All Year Statistical Basis: None specified
521	[40 CFR 63.173(b)]	Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)] Which Months: All Year Statistical Basis: None specified
522	[40 CFR 63.173(c)]	Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]
523	[40 CFR 63.173(d)(1)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
524	[40 CFR 63.173(d)(2)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
525	[40 CFR 63.173(d)(3)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
526	[40 CFR 63.173(d)(4)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)] Which Months: All Year Statistical Basis: None specified
527	[40 CFR 63.173(d)(6)(i)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
528	[40 CFR 63.173(d)(6)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]

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529	[40 CFR 63.173(d)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)] Which Months: All Year Statistical Basis: None specified
530	[40 CFR 63.173(h)(1)]	Agitators in gas/vapor service or light liquid service (difficult to monitor): Demonstrate that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]
531	[40 CFR 63.173(h)(3)]	Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)] Which Months: All Year Statistical Basis: None specified
532	[40 CFR 63.173(j)(1)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
533	[40 CFR 63.173(j)(2)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)] Which Months: All Year Statistical Basis: None specified
534	[40 CFR 63.174(b)(1)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)] Which Months: All Year Statistical Basis: None specified
535	[40 CFR 63.174(b)(2)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)] Which Months: All Year Statistical Basis: None specified
536	[40 CFR 63.174(b)(3)(i)]	Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)] Which Months: All Year Statistical Basis: None specified

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537	[40 CFR 63.174(b)(3)(ii)]	Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
538	[40 CFR 63.174(c)(1)(i)]	Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
539	[40 CFR 63.174(c)(2)(i)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]
540	[40 CFR 63.174(c)(2)(ii)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)] Which Months: All Year Statistical Basis: None specified
541	[40 CFR 63.174(d)]	Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
542	[40 CFR 63.174(f)(1)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
543	[40 CFR 63.174(f)(2)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)] Which Months: All Year Statistical Basis: None specified
544	[40 CFR 63.174(g)]	Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Demonstrate that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
545	[40 CFR 63.174(h)(2)]	Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
546	[40 CFR 63.174(i)]	Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]
547	[40 CFR 63.180]	Comply with the test methods and procedures requirements provided in 40 CFR 63.180. Subpart H.

Group: PCS 0002 G-22 Process Unit

FUG 0006 108 - G-113/114 Production Fugitive Emissions (G-22 Unit)

548	[40 CFR 63.181]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 63.181(a) through (k). Subpart H.
549	[40 CFR 63.182(b)]	Submit Initial Notification: Due within 120 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]
550	[40 CFR 63.182(c)]	Submit Notification of Compliance Status: Due within 90 days of the compliance dates specified in the 40 CFR 63 subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(c)(1) through (c)(3). Subpart H. [40 CFR 63.182(c)]
551	[40 CFR 63.182(d)]	Submit Periodic Reports: Due semiannually starting 6 months after the Notification of Compliance Status, as required in 40 CFR 63.182(c). Include the information specified in 40 CFR 63.182(d)(2) through (d)(4). Subpart H. [40 CFR 63.182(d)]
552	[40 CFR 63.9000(a)]	Prepare and operate at all times according to an equipment LDAR plan that describes in detail the measure that will be put in place to detect leaks and repair them in a timely fashion. Submit the plan to DEQ for comment only with the Notification of Compliance Status. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9000(a)]
553	[40 CFR 63.9040(a)]	Demonstrate continuous compliance with 40 CFR 63 Subpart NNNNN, Table 1 and Table 2, as applicable, according to 40 CFR 63 Subpart NNNNN, Table 4 and Table 5. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9040(a)]
554	[LAC 33:III.501.C.6]	Antimony <= 0.01 lb/hr Alternate Operating Scenario (SCN0004): Emissions are from the production of G-113/114 in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Hourly maximum
555	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 2.05 tons/yr Alternate Operating Scenario (SCN0004): Emissions are from the production of G-113/114 in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Annual maximum
556	[LAC 33:III.501.C.6]	Antimony <= 0.01 lb/hr Alternate Operating Scenario (SCN0004): Emissions are from the production of G-113/114 in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Hourly average
557	[LAC 33:III.501.C.6]	Antimony <= 0.06 tons/yr Alternate Operating Scenario (SCN0004): Emissions are from the production of G-113/114 in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Annual maximum
558	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.47 lb/hr Alternate Operating Scenario (SCN0004): Emissions are from the production of G-113/114 in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Hourly average
559	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.47 lb/hr Alternate Operating Scenario (SCN0004): Emissions are from the production of G-113/114 in the G-22 Process Unit only. Which Months: All Year Statistical Basis: Hourly maximum
560	[LAC 33:III.501]	Comply with 40 CFR 63 Subpart H (HON), LAC 33:III.2122, and LAC 33:III.5109 (Louisiana Non-HON MACT) by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H (HON). [LAC 33:III.501, LAC 33:III.2122.A, 40 CFR 63.160, LAC 33:III.5109]

Group: PCS 0002 G-22 Process Unit

FUG 0006 108 - G-113/114 Production Fugitive Emissions (G-22 Unit)

561 [LAC 33:III.5109.A] Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the requirements of 40 CFR 63 Subpart H (HON) in accordance with the streamlining provisions in 40 CFR Part 70 Specific Condition No. 1 and 40 CFR 63 Subpart NNNNN for specific components in HCl service constitutes MACT.

SCN 0001 G-22:G-22 - G-22 Process Unit: G-22 Production

Group Members: EQT 0028 FUG 0003 RLP 0006

562 [LAC 33:III.501.C.6] Hydrogen fluoride <= 3.85 tons/yr Alternate Operating Scenario: G-22 Process Unit - G-22 Production.
Which Months: All Year Statistical Basis: Annual maximum

SCN 0002 G-22:G-11/12 - G-22 Process Unit: G-11/12 Production

Group Members: EQT 0024 EQT 0025 FUG 0004

563 [LAC 33:III.501.C.6] Hydrogen fluoride <= 1.62 tons/yr Alternate Operating Scenario: G-22 Process Unit - G-11/12 Production.
Which Months: All Year Statistical Basis: Annual maximum

SCN 0003 G-22:G-143a - G-22 Process Unit: G-143a Production

Group Members: EQT 0027 FUG 0005

564 [LAC 33:III.501.C.6] Antimony <= 0.06 tons/yr Alternate Operating Scenario: G-22 Process Unit - G-143a Production.
Which Months: All Year Statistical Basis: Annual maximum

565 [LAC 33:III.501.C.6] Hydrogen fluoride <= 4.59 tons/yr Alternate Operating Scenario: G-22 Process Unit - G-143a Production.
Which Months: All Year Statistical Basis: Annual maximum

SCN 0004 G-22:G-113/114 - G-22 Process Unit: G-113/114 Production

Group Members: EQT 0026 FUG 0006

566 [LAC 33:III.501.C.6] Hydrogen fluoride <= 2.05 tons/yr Alternate Operating Scenario: G-22 Process Unit - G-113/114 Production.
Which Months: All Year Statistical Basis: Annual maximum

567 [LAC 33:III.501.C.6] Antimony <= 0.06 tons/yr Alternate Operating Scenario: G-22 Process Unit - G-113/114 Production.
Which Months: All Year Statistical Basis: Annual maximum

PCS 0002 G-22 Process Unit - G-22 Process Unit

Group Members: EQT 0024 EQT 0025 EQT 0026 EQT 0027 EQT 0028 FUG 0003 FUG 0004 FUG 0005 FUG 0006 RLP 0006 SCN 0001 SCN 0002 SCN 0003 SCN 0004

PCS 0002 G-22 Process Unit - G-22 Process Unit

568	[40 CFR 63.1]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
569	[40 CFR 63.8985]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart NNNNN.

Group: PCS 0001 General Plant Areas

Group Members: EQT 0082 EQT 0083 EQT 0084 EQT 0085 EQT 0086 EQT 0087 EQT 0088 EQT 0089 EQT 0090 EQT 0091 EQT 0092 EQT 0093 EQT 0094 EQT 0095 EQT 0096 EQT 0097 EQT 0098 EQT 0099 EQT 0100 EQT 0101 EQT 0102 EQT 0103 EQT 0104 EQT 0105 EQT 0106 EQT 0107 EQT 0108 EQT 0109 EQT 0110 EQT 0149 EQT 0150 EQT 0151 FUG 0001 FUG 0002 GRP 0009 GRP 0013 GRP 0014 RLP 0007 RLP 0013 RLP 0014 RLP 0015 RLP 0016 RLP 0017 RLP 0018 RLP 0019 RLP 0020 RLP 0021 RLP 0022 RLP 0027 RLP 0028 RLP 0029 RLP 0030 RLP 0031 RLP 0032 SCN 0012 SCN 0013 EQT 0009 EQT 0010 EQT 0011 EQT 0012 EQT 0013 EQT 0014 EQT 0015 EQT 0016 EQT 0017 EQT 0018 EQT 0019 EQT 0020 EQT 0111 EQT 0112 EQT 0113 EQT 0114 EQT 0115 EQT 0116 EQT 0117 EQT 0118 EQT 0119 EQT 0120 EQT 0121 EQT 0122 EQT 0123 EQT 0124 EQT 0125 EQT 0126 EQT 0127 EQT 0128 EQT 0129 EQT 0130 EQT 0131 EQT 0132 EQT 0133 EQT 0134 EQT 0135 EQT 0146 EQT 0147 EQT 0148 EQT 0021 EQT 0022 EQT 0023 EQT 0031 EQT 0032 EQT 0033 EQT 0035 EQT 0050 EQT 0051 EQT 0052 EQT 0053 EQT 0054 EQT 0055 EQT 0056 EQT 0057 EQT 0063 EQT 0066 EQT 0067 EQT 0071 EQT 0072 EQT 0073 EQT 0074 EQT 0075 EQT 0076 EQT 0077 EQT 0078 EQT 0079 EQT 0081

EQT 0009 1001 - Wastewater Air Stripper

570	[40 CFR 63.146(b)(1)]	Include the information specified in 40 CFR 63.146(b)(1)(i) through (iv) in the Notification of Compliance Status Report. Subpart G. [40 CFR 63.146(b)(1)]
571	[40 CFR 63.147(b)(8)]	Recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep in a readily accessible location the records specified in 40 CFR 63.147(b)(8)(i) through (iv). Subpart G. [40 CFR 63.147(b)(8)]
572	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Source treats Group 2 wastewater streams from SOCMI HON regulated units. Compliance with the recordkeeping and reporting requirements of 40 CFR 63.132(a)(3) of Subpart G constitutes MACT. Additional controls are not required.

EQT 0010 1002 - Boiler No. 3

573	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
574	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
575	[LAC 33:III.2201.D.1]	Nitrogen oxides <= 0.20 lb/MMBTU. Which Months: May-Sep Statistical Basis: Thirty-day rolling average
576	[LAC 33:III.2201.H.1.a.i]	Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. Which Months: May-Sep Statistical Basis: None specified
577	[LAC 33:III.2201.H.1.a.ii]	Install, calibrate, maintain, and operate an oxygen monitor to measure oxygen concentration.
578	[LAC 33:III.2201.H.1.a.iii]	To continuously demonstrate compliance with the NOx limits of LAC 33:III.2201.D or E, implement procedures to operate the boiler within the fuel and oxygen limits established during the initial compliance run in compliance with LAC 33:III.2201.G.

Group: PCS 0001 General Plant Areas

EQT 0010 1002 - Boiler No. 3

579	[LAC 33:III.2201.I.1]	Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1.
580	[LAC 33:III.2201.I.1]	Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing.
581	[LAC 33:III.2201.I.2]	Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d.
582	[LAC 33:III.2201.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable.

EQT 0011 1003 - Boiler No. 4

583	[40 CFR 60.48c(a)]	Submit notification: Due as specified in 40 CFR 60.7. Submit the date of construction or reconstruction and actual startup. Include the information specified in 40 CFR 60.48c(a)(1) through (a)(4) as applicable. Subpart Dc. [40 CFR 60.48c(a)]
584	[40 CFR 60.48c(g)(1)]	Fuel rate recordkeeping by electronic or hard copy daily. Keep records of the amount of each fuel combusted during each day. Subpart Dc. [40 CFR 60.48c(g)(1)]
585	[40 CFR 60.48c(i)]	Maintain all records required under 40 CFR 60.48c for a period of 2 years following the date of such record. Subpart Dc. [40 CFR 60.48c(i)]
586	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
587	[LAC 33:III.1313.C]	Total suspended particulate <= 0.6 lb/MMBTU of heat input (Complies by using sweet natural gas as fuel). Which Months: All Year Statistical Basis: None specified
588	[LAC 33:III.2201.D.1]	Nitrogen oxides <= 0.20 lb/MMBTU. Which Months: May-Sep Statistical Basis: Thirty-day rolling average
589	[LAC 33:III.2201.H.1.a.i]	Fuel monitored by totalizer continuously. Monitor fuel usage with a totalizing fuel meter. Which Months: May-Sep Statistical Basis: None specified
590	[LAC 33:III.2201.H.1.a.ii]	Install, calibrate, maintain, and operate an oxygen monitor to measure oxygen concentration.
591	[LAC 33:III.2201.H.1.a.iii]	To continuously demonstrate compliance with the NOx limits of LAC 33:III.2201.D or E, implement procedures to operate the boiler within the fuel and oxygen limits established during the initial compliance run in compliance with LAC 33:III.2201.G.
592	[LAC 33:III.2201.I.1]	Submit test results: Due within 60 days after completing the emission testing required in LAC 33:III.2201.I.1.
593	[LAC 33:III.2201.I.1]	Submit Notification: Due at least 30 days prior to any compliance testing conducted under LAC 33:III.2201.G and any CEMS or PEMS performance evaluation conducted under LAC 33:III.2201.H in order to give DEQ an opportunity to conduct a pretest meeting and observe the emission testing.
594	[LAC 33:III.2201.I.2]	Submit report: Due within 90 days of the end of each quarter for any noncompliance of the applicable emission limitations of LAC 33:III.2201.D or E. Include the information specified in LAC 33:III.2201.I.2.a through I.2.d.

Group: PCS 0001 General Plant Areas

EQT 0011 1003 - Boiler No. 4

595	[LAC 33:III.2201.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records of the information specified in LAC 33:III.2201.I.3 and I.4 as applicable.

EQT 0012 1004 - Main Cooling Water Tower

596	[40 CFR 63.103(c)]	Keep copies of all applicable reports and records required by 40 CFR 63 Subparts F, G, and H for at least 5 years. If 40 CFR 63 Subparts G or H require records to be maintained for a time period different than 5 years, maintain those records for the time specified in 40 CFR 63 Subparts G or H. Subpart F. [40 CFR 63.103(c)]
597	[40 CFR 63.104(b)]	Heat exchange systems (cooling water): HAP monitored by the regulation's specified method(s) monthly for the first 6 months and quarterly thereafter to detect leaks. Monitor for total hazardous air pollutants, total volatile organic compounds, total organic carbon, one or more speciated HAP compounds, or other representative substances that would indicate the presence of a leak in the heat exchange system. Subpart F. [40 CFR 63.104(b)] Which Months: All Year Statistical Basis: None specified
598	[40 CFR 63.104(d)]	Heat exchange systems: Repair leaks as soon as practicable but not later than 45 calendar days after receiving results of monitoring tests indicating a leak, if a leak is detected according to the criteria of 40 CFR 63.104(b) or (c). Once the leak has been repaired, confirm that the heat exchange system has been repaired within 7 calendar days of the repair or startup, whichever is later. Subpart F. [40 CFR 63.104(d)]
599	[40 CFR 63.104(f)]	Heat exchange systems: Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Retain the records identified in 40 CFR 63.104(f)(1)(i) through (iv) as specified in 40 CFR 63.103(c)(1). Subpart F. [40 CFR 63.104(f)]
600	[40 CFR 63.2490]	Comply with the requirements of 40 CFR 63.104 and the requirements referenced therein, except as specified in 40 CFR 63.2490. Subpart FFFF.
601	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0013 1005 - G-1113 Cooling Water Tower

602	[40 CFR 63.2490]	Comply with the requirements of 40 CFR 63.104 and the requirements referenced therein, except as specified in 40 CFR 63.2490. Subpart FFFF.
603	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0014 1006 - NUTEMP Cooling Water Tower

Group: PCS 0001 General Plant Areas

EQT 0014 1006 - NUTEMP Cooling Water Tower

604 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: Six-minute average

EQT 0015 1007 - G-1113 Refrigeration System

605 [40 CFR 82.156]

Owners and operators of industrial process equipment containing more than 50 pounds of refrigerant must have leaks repaired if the appliance is leaking at such a rate that the loss of refrigerant will exceed 35 percent during a 12-month period. If the leaks cannot be repaired, the equipment must be retrofitted or replaced. Reports must be filled with the EPA as per these regulations. Test must be made to verify that the repairs were successful.

EQT 0016 1008 - G-22 Refrigeration System

606 [40 CFR 82.156]

Owners and operators of industrial process equipment containing more than 50 pounds of refrigerant must have leaks repaired if the appliance is leaking at such a rate that the loss of refrigerant will exceed 35 percent during a 12-month period. If the leaks cannot be repaired, the equipment must be retrofitted or replaced. Reports must be filled with the EPA as per these regulations. Test must be made to verify that the repairs were successful.

EQT 0017 1009 - OMNI Refrigeration System

607 [40 CFR 82.156]

Owners and operators of industrial process equipment containing more than 50 pounds of refrigerant must have leaks repaired if the appliance is leaking at such a rate that the loss of refrigerant will exceed 35 percent during a 12-month period. If the leaks cannot be repaired, the equipment must be retrofitted or replaced. Reports must be filled with the EPA as per these regulations. Test must be made to verify that the repairs were successful.

EQT 0018 1010 - Chilled Water System No. 1

608 [40 CFR 82.156]

Owners and operators of industrial process equipment containing more than 50 pounds of refrigerant must have leaks repaired if the appliance is leaking at such a rate that the loss of refrigerant will exceed 35 percent during a 12-month period. If the leaks cannot be repaired, the equipment must be retrofitted or replaced. Reports must be filled with the EPA as per these regulations. Test must be made to verify that the repairs were successful.

EQT 0019 1012 - Chilled Water System No. 3

Group: PCS 0001 General Plant Areas

EQT 0019 1012 - Chilled Water System No. 3

609 [40 CFR 82.156]

Owners and operators of industrial process equipment containing more than 50 pounds of refrigerant must have leaks repaired if the appliance is leaking at such a rate that the loss of refrigerant will exceed 35 percent during a 12-month period. If the leaks cannot be repaired, the equipment must be retrofitted or replaced. Reports must be filled with the EPA as per these regulations. Test must be made to verify that the repairs were successful.

EQT 0020 1014 - Blending Cooling Water Tower

610 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

EQT 0021 1017 - Blends Chilled Water System

611 [40 CFR 82.156]

Owners and operators of industrial process equipment containing more than 50 pounds of refrigerant must have leaks repaired if the appliance is leaking at such a rate that the loss of refrigerant will exceed 35 percent during a 12-month period. If the leaks cannot be repaired, the equipment must be retrofitted or replaced. Reports must be filled with the EPA as per these regulations. Test must be made to verify that the repairs were successful.

EQT 0022 1019 - Cooling Tower No. 4

612 [LAC 33:III.1311.C]

Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.

EQT 0023 1020 - Portable Refrigeration System

613 [40 CFR 82.156]

Owners and operators of industrial process equipment containing more than 50 pounds of refrigerant must have leaks repaired if the appliance is leaking at such a rate that the loss of refrigerant will exceed 35 percent during a 12-month period. If the leaks cannot be repaired, the equipment must be retrofitted or replaced. Reports must be filled with the EPA as per these regulations. Test must be made to verify that the repairs were successful.

EQT 0031 1205 - Diesel Fire Pump, No. 35

614 [LAC 33:III.1101.B]

Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes.
Which Months: All Year Statistical Basis: None specified

Group: PCS 0001 General Plant Areas

EQT 0031 1205 - Diesel Fire Pump, No. 35

615	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0032 1206 - HF Mitigation Generator, No. 53

616	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
617	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0033 1207 - ETF Emergency Generator, No. 51

618	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
619	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0035 1209 - 375 Air Compressor, No. 14

620	[LAC 33:III.1101.B]	Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: None specified
621	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0050 501 - CaCl2 Lime Silo Baghouse

Group: PCS 0001 General Plant Areas

EQT 0050 501 - CaCl2 Lime Silo Baghouse

622	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
623	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 99 % removal efficiency from filter manufacturer's certification. Which Months: All Year Statistical Basis: None specified
624	[LAC 33:III.501.C.6]	Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
625	[LAC 33:III.501.C.6]	Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. Which Months: All Year Statistical Basis: None specified
626	[LAC 33:III.501.C.6]	Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Which Months: All Year Statistical Basis: None specified
627	[LAC 33:III.501.C.6]	Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

EQT 0051 502 - CaCl2 Plant Vent Scrubber

628	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.11 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum
629	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division.
630	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.10 lb/hr. Which Months: All Year Statistical Basis: Hourly average
631	[LAC 33:III.501.C.6]	Water Flow indication monitored by visual inspection/determination once every four hours. Inspect the control valve position to ensure a water flow to the scrubber for correct operational efficiency (State-Only Requirement). Which Months: All Year Statistical Basis: None specified
632	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.44 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
633	[LAC 33:III.501.C.6]	Maintain efficiency of the scrubber by maintaining a water flow to the scrubber (State-Only Requirement).
634	[LAC 33:III.501.C.6]	Water Flow indication recordkeeping by electronic or hard copy once every four hours (State-Only Requirement).
635	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAPs only. MACT is not required.

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EQT 0052 503 - G03 ST HCL Scrubber

636	[LAC 33:III.501.C.6]	Flow rate monitored by flow rate monitoring device once every four hours (State-Only Requirement). Which Months: All Year Statistical Basis: Daily average
637	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division (State-Only Requirement).
638	[LAC 33:III.501.C.6]	Scrubbing Agent (Water): Flow rate >= 5.0 gallons/min (State-Only Requirement). Which Months: All Year Statistical Basis: Daily average
639	[LAC 33:III.501.C.6]	Flow rate recordkeeping by electronic or hard copy continuously, with the data being recorded for each hour that there is valid data from at least four equally spaced periods, with the hourly average being calculated using all of the valid data, and with the hourly averages being used to calculate a daily average. (State-Only Requirement).
640	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits a Class III TAP only. MACT is not required.

EQT 0053 701 - HF Storage Tanks Scrubber

641	[LAC 33:III.501.C.6]	Flow rate recordkeeping by electronic or hard copy twice per rail car unloading. (State-Only Requirement).
642	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March for the preceding calendar year. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division (State-Only Requirement).
643	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 1.60 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum
644	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.73 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
645	[LAC 33:III.501.C.6]	Scrubbing Agent (Water): Flow rate >= 4.0 gallons/min (State-Only Requirement). Which Months: All Year Statistical Basis: None specified
646	[LAC 33:III.501.C.6]	Flow rate monitored by flow rate monitoring device twice per rail car unloading. (State-Only Requirement) Which Months: All Year Statistical Basis: None specified.
647	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.80 lb/hr. Which Months: All Year Statistical Basis: Hourly average
648	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits a Class III TAP only. MACT is not required.

EQT 0054 801 - HCl Scrubber

649	[40 CFR 63.9000(a)]	Hydrochloric acid >= 99 % reduction or <= 20 ppmv, except as noted in 40 CFR 63.9000(c) and (d). Subpart NNNNN. [40 CFR 63.9000(a)] Which Months: All Year Statistical Basis: None specified

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EQT 0054 801 - HCl Scrubber

650	[40 CFR 63.9000(b)]	Scrubbing Agent (Water): Flow rate >= 5.0 gallons/min. Limit the scrubber recirculating liquid flow rate, except as noted in 40 CFR 63.9000(c). Subpart NNNNN. [40 CFR 63.9000(b)] Which Months: All Year Statistical Basis: Daily average
651	[40 CFR 63.9000(b)]	pH >= 2.0 s.u.. Limit the scrubber effluent pH, except as noted in 40 CFR 63.9000(c). Subpart NNNNN. [40 CFR 63.9000(b)] Which Months: All Year Statistical Basis: Daily average
652	[40 CFR 63.9000(b)]	Maintain the operating parameter(s) within the operating limits established according to the monitoring plan established under 40 CFR 63.8(f), except as noted in 40 CFR 63.9000(c). Subpart NNNNN. [40 CFR 63.9000(b)]
653	[40 CFR 63.9015(a)]	Conduct all applicable performance tests according to the procedures in 40 CFR 63.9020 on the earlier of the title V operating permit renewal or within 5 years of issuance of the title V permit. Subpart NNNNN. [40 CFR 63.9015(a)]
654	[40 CFR 63.9015(b)]	Submit performance test results: Due within 60 days after the completion of subsequent performance tests. Also verify that the operating limits have not changed or provide documentation of revised operating limits established as specified in 40 CFR 63 Subpart NNNNN, Table 2. Include all applicable information required in 40 CFR 63.9050. Subpart NNNNN. [40 CFR 63.9015(b)]
655	[40 CFR 63.9020(a)]	Conduct each applicable performance test in 40 CFR 63 Subpart NNNNN, Table 3 as directed in 40 CFR 63.9020(a)(1) though (4), except as noted in 40 CFR 63.9020(b) and (c). Subpart NNNNN. [40 CFR 63.9020(a)]
656	[40 CFR 63.9020(b)]	If complying with a percent reduction emission limitation, determine the percent reduction in accordance with 40 CFR 63.9020(b)(1) and (b)(2). Subpart NNNNN. [40 CFR 63.9020(b)]
657	[40 CFR 63.9025(a)]	Flow rate monitored by CMS continuously. Monitor the scrubber inlet liquid or recirculating liquid flow rate. Subpart NNNNN. [40 CFR 63.9025(a)] Which Months: All Year Statistical Basis: Daily average
658	[40 CFR 63.9025(a)]	pH monitored by CMS continuously. Monitor the scrubber effluent pH. Subpart NNNNN. [40 CFR 63.9025(a)] Which Months: All Year Statistical Basis: Daily average
659	[40 CFR 63.9025(b)]	Submit a monitoring plan to DEQ that meets the requirements in 40 CFR 63.9025(a) and (b)(1) through (b)(3), in accordance with 40 CFR 63.8(f). Conduct monitoring in accordance with the plan submitted, unless comments received from DEQ require an alternate monitoring scheme. Subpart NNNNN. [40 CFR 63.9025(b)]
660	[40 CFR 63.9030(b)]	Establish the site-specific operating limit(s) in 40 CFR 63 Subpart NNNNN, Table 2, as applicable, according to the requirements in 40 CFR 63.9020 and 40 CFR 63 Subpart NNNNN, Table 3. Subpart NNNNN. [40 CFR 63.9030(b)]
661	[40 CFR 63.9035(b)(1)]	Flow rate recordkeeping by electronic or hard copy continuously. Record the scrubber inlet liquid or recirculating liquid flow rate. For each hour that there is valid data from at least four equally spaced periods, calculate the hourly average using all of the valid data, as specified in 40 CFR 63.9025(a). Subpart NNNNN. [40 CFR 63.9035(b)(1)]
662	[40 CFR 63.9035(b)(2)]	pH recordkeeping by electronic or hard copy continuously. Record the scrubber effluent pH. For each hour that there is valid data from at least four equally spaced periods, calculate the hourly average using all of the valid data, as specified in 40 CFR 63.9025(a). Subpart NNNNN. [40 CFR 63.9035(b)(2)]
663	[40 CFR 63.9040(a)]	Demonstrate continuous compliance with 40 CFR 63 Subpart NNNNN, Table 1 and Table 2, as applicable, according to 40 CFR 63 Subpart NNNNN, Table 4 and Table 5. Subpart NNNNN. [40 CFR 63.9040(a)]

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EQT 0054 801 - HCl Scrubber

664	[40 CFR 63.983(a)(1)]	Closed-vent systems: Ensure that each closed-vent system is designed and operated to collect the regulated material vapors from the emission point, and to route the collected vapors to a control device. Subpart SS. [40 CFR 63.983(a)(1)]
665	[40 CFR 63.983(a)(2)]	Closed-vent systems: Operate at all times when emissions are vented to, or collected by, them. Subpart SS. [40 CFR 63.983(a)(2)]
666	[40 CFR 63.983(a)(3)(ii)]	Closed-vent systems (containing bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart SS. [40 CFR 63.983(a)(3)(ii)]
667	[40 CFR 63.983(a)(4)]	Closed-vent systems: Ensure that each closed-vent system is designed and operated so that the regulated material vapors collected at one loading arm will not pass through another loading arm in the rack to the atmosphere. Subpart SS. [40 CFR 63.983(a)(4)]
668	[40 CFR 63.983(a)(5)]	Closed-vent systems: Ensure that no pressure relief device opens to the atmosphere during loading. Subpart SS. [40 CFR 63.983(a)(5)]
669	[40 CFR 63.983(b)(1)(i)(A)]	Closed-vent systems (hard-piping): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(i)(A)] Which Months: All Year Statistical Basis: None specified
670	[40 CFR 63.983(b)(1)(i)(B)]	Closed-vent systems (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. Subpart SS. [40 CFR 63.983(b)(1)(i)(B)] Which Months: All Year Statistical Basis: None specified
671	[40 CFR 63.983(b)(1)(ii)]	Closed-vent systems (ductwork): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. If an instrument reading of 500 ppmv above background is measured, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.983(d)(2). Subpart SS. [40 CFR 63.983(b)(1)(ii)] Which Months: All Year Statistical Basis: None specified
672	[40 CFR 63.983(b)(2)(i)]	Closed-vent systems (unsafe-to-monitor): Determine that the equipment is unsafe-to-inspect because inspecting personnel would be exposed to an imminent or potential danger as a consequence of complying with 40 CFR 63.983(b)(1). Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(i)]
673	[40 CFR 63.983(b)(2)(ii)]	Closed-vent systems (unsafe-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practical during safe-to-inspect times, at least once annually. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(2)(ii)] Which Months: All Year Statistical Basis: None specified
674	[40 CFR 63.983(b)(3)(i)]	Closed-vent systems (difficult-to-monitor): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters (7 feet) above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(i)]
675	[40 CFR 63.983(b)(3)(ii)]	Closed-vent systems (difficult-to-monitor): VOC, Total monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment at least once every 5 years. Comply with this requirement instead of the requirements in 40 CFR 63.983(b)(1). Subpart SS. [40 CFR 63.983(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified

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EQT 0054 801 - HCl Scrubber

676	[40 CFR 63.983(d)(1)]	Closed-vent systems (hard piping): Eliminate leak, or monitor according to the procedures in 40 CFR 63.983(c), if there are visible, audible, or olfactory indications of leaks at the time of the annual visual inspections required by 40 CFR 63.983(b)(1)(i)(B). Subpart SS. [40 CFR 63.983(d)(1)]
677	[40 CFR 63.983(d)(2)]	Closed-vent systems: Repair leaks as soon as practical, except as provided in 40 CFR 63.983(d)(3). Make a first attempt at repair no later than 5 days after the leak is detected, and complete repairs no later than 15 days after the leak is detected or at the beginning of the next introduction of vapors to the system, whichever is later. Subpart SS. [40 CFR 63.983(d)(2)]
678	[40 CFR 63.983(d)(3)]	Closed-vent systems (delay of repair allowed): Repair equipment as soon as practical, but not later than the end of the next closed-vent system shutdown. Subpart SS. [40 CFR 63.983(d)(3)]
679	[40 CFR 63.994(a)(1)]	Reduce the overall emissions of hydrogen halides and halogens by the control device performance level specified in a referencing subpart. Subpart SS. [40 CFR 63.994(a)(1)]
680	[40 CFR 63.994(a)(2)]	Operate at all times when emissions are vented to control device. Subpart SS. [40 CFR 63.994(a)(2)]
681	[40 CFR 63.994(b)(1)]	Conduct an initial performance test to determine compliance with the control efficiency or emission limits for hydrogen halides and halogens according to the procedures in 40 CFR 63.997. Subpart SS. [40 CFR 63.994(b)(1)]
682	[40 CFR 63.994(b)(2)]	Determine the halogen atom mass emission rate prior to the combustion device according to the procedures specified in the referencing subpart. Subpart SS. [40 CFR 63.994(b)(2)]
683	[40 CFR 63.994(c)(1)(i)]	pH monitored by pH instrument continuously. Monitor the pH of the scrubber effluent. Subpart SS. [40 CFR 63.994(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
684	[40 CFR 63.994(c)(1)(ii)]	Flow monitored by flow indicator continuously. Install the flow meter at the scrubber influent for liquid flow. Determine gas stream flow using one of the procedures specified in 40 CFR 63.994(c)(1)(ii)(A) through (c)(1)(ii)(D). Subpart SS. [40 CFR 63.994(c)(1)(ii)] Which Months: All Year Statistical Basis: None specified
685	[40 CFR 63.998]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.998(a) through (d), as applicable. Subpart SS.
686	[40 CFR 63.999(a)(1)(i)]	Notify DEQ of the intention to conduct a performance test or flare compliance assessment: Due at least 30 days before such a compliance demonstration is scheduled to allow DEQ the opportunity to have an observer present. Notify DEQ as soon as possible of any delay in the original demonstration date, if after 30 days notice for such an initially scheduled compliance demonstration, there is a delay (due to operational problems, etc.) in conducting the scheduled compliance demonstration. Provide at least 7 days prior notice of the rescheduled date of the compliance demonstration, or arrange a rescheduled date with DEQ by mutual agreement. Subpart SS. [40 CFR 63.999(a)(1)(i)]
687	[40 CFR 63.999(a)(1)(ii)]	Submit performance test and flare compliance assessment reports, if not submitted as part of a Notification of Compliance Status report, to DEQ within 60 days of completing the test or determination, unless specified differently. Include the information specified in 40 CFR 63.999(a)(2)(i) through (a)(2)(iii). Subpart SS. [40 CFR 63.999(a)(1)(ii)]
688	[40 CFR 63.999(a)(1)(iii)]	Submit application for a waiver of an initial performance test or flare compliance assessment, as allowed by 40 CFR 63.997(b)(2), no later than 90 days before the performance test or compliance assessment is required. Include information justifying the request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the test. Subpart SS. [40 CFR 63.999(a)(1)(iii)]

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EQT 0054 801 - HCl Scrubber

689	[40 CFR 63.999(a)(1)(iv)]	Submit application to substitute a prior performance test or compliance assessment for an initial performance test or compliance assessment, as allowed by 40 CFR63.997(b)(1), no later than 90 days before the performance test or compliance test is required. Include information demonstrating that the prior performance test or compliance assessment was conducted using the same methods specified in 40 CFR 63.997(e) or 40 CFR 63.987(b)(3), as applicable. Also include information demonstrating that no process changes have been made since the test, or that the results of the performance test or compliance assessment reliably demonstrate compliance despite process changes. Subpart SS. [40 CFR 63.999(a)(1)(iv)]
690	[40 CFR 63.999(b)]	Submit Notification of Compliance Status: Due as specified in the referencing subpart. Include the information specified in 40 CFR 63.999(b)(1) through (b)(5), as applicable. Subpart SS. [40 CFR 63.999(b)]
691	[40 CFR 63.999(c)]	Submit Periodic Report: Due as specified in the referencing subpart. Include the information specified in 40 CFR 63.999(c)(1) through (c)(7). Subpart SS. [40 CFR 63.999(c)]
692	[40 CFR 63.999(d)(1)]	Submit request for approval to use alternatives to continuous operating parameter monitoring and recordkeeping provisions, as provided for in 40 CFR 63.996(d)(1), as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(1)(i) and (d)(1)(ii). Subpart SS. [40 CFR 63.999(d)(1)]
693	[40 CFR 63.999(d)(2)]	Submit request for approval to monitor a different parameter than those established in 40 CFR 63.996(c)(6) or to set unique monitoring parameters, as provided for in 40 CFR 63.996(d)(2), as specified as specified in a referencing subpart. Include the information specified in 40 CFR 63.999(d)(2)(i) through (d)(2)(iii). Subpart SS. [40 CFR 63.999(d)(2)]
694	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits a Class III TAP only. MACT is not required.

EQT 0055 802 - Tank 51-Spent H2SO4 Tank

695	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits a Class III TAP only. MACT is not required.

EQT 0056 803 - Tank 50-Fresh H2SO4 Tank

696	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits a Class III TAP only. MACT is not required.

EQT 0057 804 - Tank 52-Spent H2SO4 Tank

697	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits a Class III TAP only. MACT is not required.

EQT 0063 886 - Process Sump

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EQT 0063 886 - Process Sump

698	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Source emits Class I, II, and III TAPs at negligible amounts. MACT is no additional control. Recordkeeping and reporting per LAC 33:III.5107.A are required.

EQT 0066 901A - Blasting Material Hopper

699	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average

EQT 0067 901B - Blasting Drum Collector

700	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
701	[LAC 33:III.501.C.6]	Cobalt < 0.01 lb/hr. Which Months: All Year Statistical Basis: Hourly average
702	[LAC 33:III.501.C.6]	Cobalt < 0.01 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum
703	[LAC 33:III.501.C.6]	Cobalt < 0.01 tons/yr. Which Months: All Year Statistical Basis: Annual maximum

EQT 0075 915 - Paint Thinner Drum

704	[40 CFR 63.3890(b)(1)]	General use coating operations: Organic HAP <= 2.6 lb/gal (0.31 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(1)] Which Months: All Year Statistical Basis: None specified
705	[40 CFR 63.3891(a)]	Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, and that each thinner and/or other additive, and cleaning material used contains no organic HAP. Subpart MMMM. [40 CFR 63.3891(a)]
706	[40 CFR 63.3941]	Demonstrate initial compliance with the emission limitations in 40 CFR 63.3890 using the test methods and procedures specified in 40 CFR 63.3941(a) through (e). Conduct a separate initial compliance demonstration for each general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation, unless compliance is being demonstrated with a predominant activity or facility-specific emission limit as provided in 40 CFR 63.3890(c). Subpart MMMM.

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EQT 0075 915 - Paint Thinner Drum

707	[40 CFR 63.3942(a)]	Use no coating for which the organic HAP content (determined using Equation 2 of 40 CFR 63.3941) exceeds the applicable emission limit in 40 CFR 63.3890, and use no thinner and/or other additive, or cleaning material that contains organic HAP, determined according to 40 CFR 63.3941(a). If complying with a facility-specific emission limit under 40 CFR 63.3890(c), also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. Subpart MMMM. [40 CFR 63.3942(a)]
708	[40 CFR 63.3942(c)]	Identify the coating operation(s) for which the compliant material option was used, an submit as part of each semiannual compliance report required by 40 CFR 63.3920. If there were no deviations from the applicable emission limit in 40 CFR 63.3890, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because no coatings were used for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.3890, and no thinner and/or other additive, or cleaning material was used that contained organic HAP, determined according to 40 CFR 63.3941(a). Subpart MMMM. [40 CFR 63.3942(c)]
709	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAP only. MACT is not required.

EQT 0077 917 - Spent Sulfuric Acid Loading

710	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAPs only. MACT is not required.

EQT 0079 919 - Ton/Half Ton Cylinder Painting

711	[40 CFR 63.3890(b)(1)]	General use coating operations: Organic HAP <= 2.6 lb/gal (0.31 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(1)] Which Months: All Year Statistical Basis: None specified
712	[40 CFR 63.3891(a)]	Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, and that each thinner and/or other additive, and cleaning material used contains no organic HAP. Subpart MMMM. [40 CFR 63.3891(a)]
713	[40 CFR 63.3941]	Demonstrate initial compliance with the emission limitations in 40 CFR 63.3890 using the test methods and procedures specified in 40 CFR 63.3941(a) through (e). Conduct a separate initial compliance demonstration for each general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation, unless compliance is being demonstrated with a predominant activity or facility-specific emission limit as provided in 40 CFR 63.3890(c). Subpart MMMM.
714	[40 CFR 63.3942(a)]	Use no coating for which the organic HAP content (determined using Equation 2 of 40 CFR 63.3941) exceeds the applicable emission limit in 40 CFR 63.3890, and use no thinner and/or other additive, or cleaning material that contains organic HAP, determined according to 40 CFR 63.3941(a). If complying with a facility-specific emission limit under 40 CFR 63.3890(c), also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. Subpart MMMM. [40 CFR 63.3942(a)]

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EQT 0079 919 - Ton/Half Ton Cylinder Painting

715	[40 CFR 63.3942(c)]	Identify the coating operation(s) for which the compliant material option was used, an submit as part of each semiannual compliance report required by 40 CFR 63.3920. If there were no deviations from the applicable emission limit in 40 CFR 63.3890, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because no coatings were used for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.3890, and no thinner and/or other additive, or cleaning material was used that contained organic HAP, determined according to 40 CFR 63.3941(a). Subpart MMMM. [40 CFR 63.3942(c)]
716	[LAC 33:III.2123.C]	VOC, Total <= 3.0 lb/gal of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
717	[LAC 33:III.2123.D.3]	Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources. Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating.
718	[LAC 33:III.2123.E]	Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.6, as appropriate.
719	[LAC 33:III.2123.F]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with LAC 33:III.2123. Maintain records for at least two years.
720	[LAC 33:III.2123.H]	Comply with the requirements of LAC 33:III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2123 as a result of a revision of LAC 33:III.2123.
721	[LAC 33:III.501.C.6]	Cobalt <= 0.02 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum
722	[LAC 33:III.501.C.6]	Cobalt < 0.01 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
723	[LAC 33:III.501.C.6]	Cobalt < 0.01 lb/hr. Which Months: All Year Statistical Basis: Hourly average
724	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the NESHAP requirements of 40 CFR 63 Subpart MMMM is determined as MACT.

EQT 0081 822 - Tank No. 148

725	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
726	[40 CFR 63.119(g)(1)]	Ensure that the vapor balancing system is designed and operated to route organic HAP vapors displaced from loading of the storage tank to the railcar, tank truck, or barge from which the storage tank is filled. Subpart G. [40 CFR 63.119(g)(1)]

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EQT 0081 822 - Tank No. 148

727	[40 CFR 63.119(g)(2)]	Ensure that tank trucks and railcars have a current certification in accordance with the U.S. Department of Transportation pressure test requirements of 49 CFR part 180 for tank trucks and 49 CFR 173.31 for railcars. Ensure that barges have a current certification of vapor-tightness through testing in accordance with 40 CFR 63.565. Subpart G. [40 CFR 63.119(g)(2)]
728	[40 CFR 63.119(g)(3)]	Only unload hazardous air pollutants from tank trucks or railcars when vapor collection systems are connected to the storage tank's vapor collection system. Subpart G. [40 CFR 63.119(g)(3)]
729	[40 CFR 63.119(g)(4)]	Ensure that no pressure relief device on the storage tank, or on the railcar or tank truck, opens during loading or as a result of diurnal temperature changes (breathing losses). Subpart G. [40 CFR 63.119(g)(4)]
730	[40 CFR 63.119(g)(5)]	Set pressure relief devices to no less than 2.5 psig at all times to prevent breathing losses. Pressure relief devices may be set at values less than 2.5 psig if the owner or operator provides rationale in the notification of compliance status report explaining why the alternative value is sufficient to prevent breathing losses at all times. Subpart G. [40 CFR 63.119(g)(5)]
731	[40 CFR 63.119(g)(5)]	Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly. Monitor the pressure relief valve. If a reading of 500 ppmv or greater is recorded, a leak is detected. If a leak is detected, repair as soon as practicable, but no later than 5 days after it is detected and comply with the recordkeeping requirements of 40 CFR 63.181(d)(1) through (4). Subpart G. [40 CFR 63.119(g)(5)] Which Months: All Year Statistical Basis: None specified
732	[40 CFR 63.119(g)(6)]	Ensure that railcars, tank trucks, or barges that deliver HAP to a storage tank are reloaded or cleaned at a facility that utilizes the control techniques specified in 40 CFR 63.119(g)(6)(i) or (g)(6)(ii). Subpart G. [40 CFR 63.119(g)(6)]
733	[40 CFR 63.122(a)(1)]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
734	[40 CFR 63.122(a)(3)]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
735	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
736	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
737	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
738	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
739	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
740	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
741	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.

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EQT 0081 822 - Tank No. 148

742	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
743	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Operating a closed vent system with a minimum control efficiency of 95% is determined as MACT.

EQT 0084 830 - Perchloroethylene Tank, No. 147

744	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
745	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
746	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are 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. Subpart G. [40 CFR 63.119(b)(4)]
747	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
748	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
749	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
750	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
751	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
752	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]

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EQT 0084 830 - Perchloroethylene Tank, No. 147

753	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
754	[40 CFR 63.122(a)(1)]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
755	[40 CFR 63.122(a)(3)]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
756	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
757	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
758	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
759	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Complying with the fixed roof and internal floating roof requirements of HON 40 CFR 63.119(b) (of Subpart G) constitutes MACT.

EQT 0085 831 - Tank U-10

760	[LAC 33:III.2103.A]	Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere.
761	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
762	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0086 832 - Tank U-20

763	[LAC 33:III.2103.A]	Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere.
764	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
765	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0089 835 - Tank U-69

766	[LAC 33:III.2103.A]	Maintain working pressures sufficient at all times under normal operating conditions to prevent vapor or gas loss to the atmosphere.

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EQT 0089 835 - Tank U-69

767	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
768	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

EQT 0109 855A - Tank 1 - Chloroform Storage Tank

769	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
770	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
771	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are 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. Subpart G. [40 CFR 63.119(b)(4)]
772	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
773	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
774	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
775	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
776	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
777	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]

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EQT 0109 855A - Tank 1 - Chloroform Storage Tank

778	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
779	[40 CFR 63.122(a)(1)]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
780	[40 CFR 63.122(a)(3)]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
781	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
782	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
783	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
784	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
785	[LAC 33:III.2103.C.1.a]	Equip internal floating roof with a liquid mounted seal consisting of 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.
786	[LAC 33:III.2103.C.1.b]	Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
787	[LAC 33:III.2103.C.1.c]	Equip internal floating roof with 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.
788	[LAC 33:III.2103.C.2]	Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover.
789	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
790	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
791	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

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EQT 0109 855A - Tank 1 - Chloroform Storage Tank

792	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Complying with the fixed roof and internal floating roof requirements of HON 40 CFR 63.119(b) (of Subpart G) constitutes MACT.

EQT 0110 855B - Tank 2 - CCL4 Storage Tank

793	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
794	[40 CFR 63.119(b)(3)]	Internal floating roof: Equip each internal floating roof with a closure device between the wall of the storage vessel and the roof edge. Closure device shall consist of one of the devices listed in 40 CFR 63.119(b)(3)(i) through (b)(3)(iii), except as specified in 40 CFR 63.119(b)(3)(iv). Subpart G. [40 CFR 63.119(b)(3)]
795	[40 CFR 63.119(b)(4)]	Internal floating roof: Ensure that automatic bleeder vents are 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. Subpart G. [40 CFR 63.119(b)(4)]
796	[40 CFR 63.119(b)(5)]	Internal floating roof: Ensure that each internal floating roof meets the specifications listed in 40 CFR 63.119(b)(5)(i) through (b)(5)(vii), except as provided in 40 CFR 63.119(b)(5)(viii). Subpart G. [40 CFR 63.119(b)(5)]
797	[40 CFR 63.119(b)(6)]	Internal floating roof: Ensure that each cover or lid on any opening in the internal floating roof is closed except when the cover or lid must be open for access. Ensure that covers on each access hatch and each gauge float well are bolted or fastened so as to be air-tight when they are closed. Rim space vents are to be set to open only when the internal floating roof is not floating or when the pressure beneath the rim seal exceeds the manufacturer's recommended setting. Subpart G. [40 CFR 63.119(b)(6)]
798	[40 CFR 63.119(b)]	Internal floating roof: Ensure that the internal floating roof is floating on the surface at all times except when the floating roof must be supported by the leg supports during the periods specified in 40 CFR 63.119(b)(1)(i) through (b)(1)(iii). When the floating roof is resting on the leg supports, ensure that the process of filling, emptying or refilling is continuous and accomplished as soon as practical. Subpart G. [40 CFR 63.119(b)]
799	[40 CFR 63.120(a)(1)]	Tank roof and seals monitored by visual inspection/determination at the regulation's specified frequency. Inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service) according to the schedule specified in 40 CFR 63.120(a)(2) and (a)(3). Subpart G. [40 CFR 63.120(a)(1)] Which Months: All Year Statistical Basis: None specified
800	[40 CFR 63.120(a)(4)]	Repair storage vessel or empty and remove from service within 45 calendar days, if during the inspections required by 40 CFR 63.120(a)(2)(i) or (a)(3)(ii), any of the conditions specified in 40 CFR 63.120(a)(4) are found. Subpart G. [40 CFR 63.120(a)(4)]
801	[40 CFR 63.120(a)(7)]	If any of the conditions listed in 40 CFR 63.120(a)(7) are found during the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(iii), repair the storage vessel as necessary so that none of the conditions specified exist before filling or refilling the storage vessel with organic HAP. Subpart G. [40 CFR 63.120(a)(7)]

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EQT 0110 855B - Tank 2 - CCL4 Storage Tank

802	[40 CFR 63.120(a)]	Submit Notification: Due in writing at least 30 calendar days prior to the refilling of each storage vessel to afford DEQ the opportunity to have an observer present, for all the inspections required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), and (a)(3)(ii). If the inspection required by 40 CFR 63.120(a)(2)(ii), (a)(3)(i), or (a)(3)(ii) is not planned and it could not have been known about 30 calendar days in advance of refilling, submit notification at least 7 calendar days prior to the refilling. Notification can be made by telephone and immediately followed by written documentation demonstrating why the inspection was unplanned. Subpart G. [40 CFR 63.120(a)]
803	[40 CFR 63.122(a)(1)]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
804	[40 CFR 63.122(a)(3)]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
805	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
806	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
807	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
808	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.
809	[LAC 33:III.2103.C.1.a]	Equip internal floating roof with a liquid mounted seal consisting of 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.
810	[LAC 33:III.2103.C.1.b]	Equip internal floating roof with a mechanical shoe seal (metallic-type shoe seal) consisting of a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
811	[LAC 33:III.2103.C.1.c]	Equip internal floating roof with 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.
812	[LAC 33:III.2103.C.2]	Provide each opening in the internal floating roof (except rim space vents and automatic bleeder vents) with a projection below the liquid surface. In addition, provide each opening (except for leg sleeves, bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains) with a cover equipped with a gasket. Equip automatic bleeder vents and rim space vents with gaskets and equip ladder wells with a sliding cover.
813	[LAC 33:III.2103.C]	Equip with an internal floating roof consisting of a pontoon type roof, double deck roof, or internal floating cover which will rest or float on the surface of the liquid contents and is equipped with a closure seal to close the space between the roof edge and tank wall. All tank gauging and sampling devices will be gas-tight except when gauging or sampling is taking place.
814	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
815	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.

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EQT 0110 855B - Tank 2 - CCL4 Storage Tank

816	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Complying with the fixed roof and internal floating roof requirements of HON 40 CFR 63.119(b) (of Subpart G) constitutes MACT.

EQT 0122 867R - Genetron Washwater Tank (Iron Pond)

817	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No control is determined as MACT.

EQT 0124 869 - Gasoline Tank

818	[LAC 33:III.2103.A]	Equip with a submerged fill pipe.
819	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
820	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
821	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Tank is equipped with a submerged fill pipe which is determined as MACT.

EQT 0135 890 - Tank 146 - PCE w/0.5% CCl4

822	[40 CFR 63.119(a)(1)]	Reduce hazardous air pollutants emissions to the atmosphere either by operating and maintaining a fixed roof and internal floating roof, an external floating roof, an external floating roof converted to an internal floating roof, a closed-vent system and control device, routing the emissions to a process or a fuel gas system, or vapor balancing in accordance with the requirements in 40 CFR 63.119(b), (c), (d), (e), (f), or (g) or equivalent as provided in 40 CFR 63.121. Subpart G. [40 CFR 63.119(a)(1)]
823	[40 CFR 63.122(a)(1)]	Submit an Initial Notification as required by 40 CFR 63.151(b). Subpart G. [40 CFR 63.122(a)(1)]
824	[40 CFR 63.122(a)(3)]	Submit a Notification of Compliance Status as required by 40 CFR 63.152(b). Include the information specified in 40 CFR 63.122(c). Subpart G. [40 CFR 63.122(a)(3)]
825	[40 CFR 63.122(a)(4)]	Submit Periodic Reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(d), (e), (f), and (g). Subpart G. [40 CFR 63.122(a)(4)]
826	[40 CFR 63.122(a)(5)]	Submit, as applicable, other reports as required by 40 CFR 63.152(d). Include the information specified in 40 CFR 63.122(h). Subpart G. [40 CFR 63.122(a)(5)]
827	[40 CFR 63.123]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep readily accessible records of the information specified in 40 CFR 63.123(a) through (i), as applicable. Keep the records as long as the storage vessel retains Group 1 status and is in operation. Subpart G.
828	[LAC 33:III.2103.B]	Equip with a submerged fill pipe.

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EQT 0135 890 - Tank 146 - PCE w/0.5% CCl4

829	[LAC 33:III.2103.E.1]	VOC, Total >= 95 % control efficiency using a vapor loss control system. This limitation does not apply during periods of planned routine maintenance which may not exceed 240 hours per year. Which Months: All Year Statistical Basis: None specified
830	[LAC 33:III.2103.E]	Equip with a vapor loss control system, consisting of a gathering system capable of collecting volatile organic compound vapors and a vapor disposal system capable of processing such organic vapors. All tank gauging and sampling devices shall be gas-tight except when gauging or sampling is taking place.
831	[LAC 33:III.2103.H.3]	Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e.
832	[LAC 33:III.2103.I]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable.
833	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Complying with the closed vent system and control device requirements of HON 40 CFR 63.119 of Subpart G constitutes MACT.

EQT 0146 Tank 150 - Hydrochloric Acid Storage Tank

834	[40 CFR 63.2470(Table 4)(1.b.	HAP >= 95 % reduction by weight or to <=20 ppmv of TOC or organic HAP and <=20 ppmv of hydrogen halide and halogen HAP by venting emissions through a closed vent system to any combination of control devices (excluding a flare). Subpart FFFF. [40 CFR 63.2470(Table 4)(1.b.ii)] Which Months: All Year Statistical Basis: None specified
835	[40 CFR 63.2520]	Comply with all applicable reporting requirements of 40 CFR 63.2520. Subpart FFFF.
836	[40 CFR 63.2525]	Comply with all applicable recordkeeping requirements of 40 CFR 63.2525. Subpart FFFF.
837	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAP only. MACT is not required.

EQT 0147 Tank 160 - Hydrochloric Acid Storage Tank

838	[40 CFR 63.9000(a)]	Hydrochloric acid >= 99 % reduction or <= 120 ppmv, except as noted in 40 CFR 63.9000(c) and (d). Subpart NNNNN. [40 CFR 63.9000(a)] Which Months: All Year Statistical Basis: None specified
839	[LAC 33:III.5109.A.1]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAP only. MACT is not required.

EQT 0151 1301 - HFC-23 Destruction Unit

840	[LAC 33:III.501]	Hydrogen fluoride <= 0.61 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
841	[LAC 33:III.501]	Hydrogen fluoride <= 0.14 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum

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EQT 0151 1301 - HFC-23 Destruction Unit

842	[LAC 33:III.501]	Hydrogen fluoride <= 0.14 lb/hr. Which Months: All Year Statistical Basis: Hourly average

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843	[40 CFR 63.162(c)]	Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]
844	[40 CFR 63.162(f)]	Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]
845	[40 CFR 63.163(b)(1)]	Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)] Which Months: All Year Statistical Basis: None specified
846	[40 CFR 63.163(b)(3)]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)] Which Months: All Year Statistical Basis: None specified
847	[40 CFR 63.163(c)]	Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
848	[40 CFR 63.163(d)(2)]	Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
849	[40 CFR 63.163(d)(4)]	Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]
850	[40 CFR 63.163(e)(1)]	Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
851	[40 CFR 63.163(e)(2)]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]

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852	[40 CFR 63.163(e)(3)]	Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]
853	[40 CFR 63.163(e)(4)]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)] Which Months: All Year Statistical Basis: None specified
854	[40 CFR 63.163(e)(6)(i)]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
855	[40 CFR 63.163(e)(6)]	Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]
856	[40 CFR 63.163(e)]	Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)] Which Months: All Year Statistical Basis: None specified
857	[40 CFR 63.163(j)(1)]	Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]
858	[40 CFR 63.163(j)(2)]	Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)] Which Months: All Year Statistical Basis: None specified
859	[40 CFR 63.164(a)]	Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i). Subpart H. [40 CFR 63.164(a)]
860	[40 CFR 63.164(b)]	Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]

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861	[40 CFR 63.164(c)]	Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
862	[40 CFR 63.164(d)]	Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]
863	[40 CFR 63.164(e)(2)]	Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
864	[40 CFR 63.164(g)]	Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
865	[40 CFR 63.164(i)(2)]	Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)] Which Months: All Year Statistical Basis: None specified
866	[40 CFR 63.164]	Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H. Which Months: All Year Statistical Basis: None specified
867	[40 CFR 63.165(a)]	Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)] Which Months: All Year Statistical Basis: None specified
868	[40 CFR 63.165(b)(1)]	Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
869	[40 CFR 63.165(b)(2)]	Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)] Which Months: All Year Statistical Basis: None specified
870	[40 CFR 63.165(d)(2)]	Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
871	[40 CFR 63.166]	Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
872	[40 CFR 63.167]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.

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873	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
874	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
875	[40 CFR 63.168(d)(1)]	Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)] Which Months: All Year Statistical Basis: None specified
876	[40 CFR 63.168(d)(2)]	Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)] Which Months: All Year Statistical Basis: None specified
877	[40 CFR 63.168(e)(1)]	Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]
878	[40 CFR 63.168(f)(3)]	Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)] Which Months: All Year Statistical Basis: None specified
879	[40 CFR 63.168(f)]	Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]
880	[40 CFR 63.168(h)(1)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]
881	[40 CFR 63.168(h)(2)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)] Which Months: All Year Statistical Basis: None specified

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882	[40 CFR 63.168(i)(1)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Demonstrate that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(1)]
883	[40 CFR 63.168(i)(3)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valves at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(3)] Which Months: All Year Statistical Basis: None specified
884	[40 CFR 63.169(a)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)] Which Months: All Year Statistical Basis: None specified
885	[40 CFR 63.169(c)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]
886	[40 CFR 63.170]	Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
887	[40 CFR 63.172(f)(1)(i)]	Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)] Which Months: All Year Statistical Basis: None specified
888	[40 CFR 63.172(f)(1)(ii)]	Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)] Which Months: All Year Statistical Basis: None specified
889	[40 CFR 63.172(f)(2)(i)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)] Which Months: All Year Statistical Basis: None specified

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890	[40 CFR 63.172(f)(2)(ii)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)] Which Months: All Year Statistical Basis: None specified
891	[40 CFR 63.172(h)]	Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
892	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]
893	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes. Install flow indicator at the entrance to any bypass line. Subpart H. [40 CFR 63.172(j)(1)] Which Months: All Year Statistical Basis: None specified
894	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Seal or closure mechanism monitored by visual inspection/determination monthly to ensure the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line. Subpart H. [40 CFR 63.172(j)(2)] Which Months: All Year Statistical Basis: None specified
895	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart H. [40 CFR 63.172(j)(2)]
896	[40 CFR 63.172(k)(1)]	Closed-vent system (unsafe-to-inspect): Demonstrate that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
897	[40 CFR 63.172(k)(2)]	Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)] Which Months: All Year Statistical Basis: None specified
898	[40 CFR 63.172(l)(1)]	Closed-vent system (difficult-to-inspect): Demonstrate that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
899	[40 CFR 63.172(l)(2)]	Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)] Which Months: All Year Statistical Basis: None specified
900	[40 CFR 63.172(m)]	Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]

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901	[40 CFR 63.173(a)]	Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)] Which Months: All Year Statistical Basis: None specified
902	[40 CFR 63.173(b)]	Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)] Which Months: All Year Statistical Basis: None specified
903	[40 CFR 63.173(c)]	Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]
904	[40 CFR 63.173(d)(1)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
905	[40 CFR 63.173(d)(2)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
906	[40 CFR 63.173(d)(3)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
907	[40 CFR 63.173(d)(4)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)] Which Months: All Year Statistical Basis: None specified
908	[40 CFR 63.173(d)(6)(i)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
909	[40 CFR 63.173(d)(6)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]

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910	[40 CFR 63.173(d)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)] Which Months: All Year Statistical Basis: None specified
911	[40 CFR 63.173(h)(1)]	Agitators in gas/vapor service or light liquid service (difficult to monitor): Demonstrate that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]
912	[40 CFR 63.173(h)(3)]	Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)] Which Months: All Year Statistical Basis: None specified
913	[40 CFR 63.173(j)(1)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
914	[40 CFR 63.173(j)(2)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)] Which Months: All Year Statistical Basis: None specified
915	[40 CFR 63.174(b)(1)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)] Which Months: All Year Statistical Basis: None specified
916	[40 CFR 63.174(b)(2)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)] Which Months: All Year Statistical Basis: None specified
917	[40 CFR 63.174(b)(3)(i)]	Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)] Which Months: All Year Statistical Basis: None specified

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918	[40 CFR 63.174(b)(3)(ii)]	Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
919	[40 CFR 63.174(c)(1)(i)]	Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
920	[40 CFR 63.174(c)(2)(i)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]
921	[40 CFR 63.174(c)(2)(ii)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)] Which Months: All Year Statistical Basis: None specified
922	[40 CFR 63.174(d)]	Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
923	[40 CFR 63.174(f)(1)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Demonstrate that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
924	[40 CFR 63.174(f)(2)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)] Which Months: All Year Statistical Basis: None specified
925	[40 CFR 63.174(g)]	Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Demonstrate that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
926	[40 CFR 63.174(h)(2)]	Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
927	[40 CFR 63.174(i)]	Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]
928	[40 CFR 63.180]	Comply with the test methods and procedures requirements provided in 40 CFR 63.180. Subpart H.

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929	[40 CFR 63.181]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 63.181(a) through (k). Subpart H.
930	[40 CFR 63.182(b)]	Submit Initial Notification: Due within 120 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]
931	[40 CFR 63.182(c)]	Submit Notification of Compliance Status: Due within 90 days of the compliance dates specified in the 40 CFR 63 subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(c)(1) through (c)(3). Subpart H. [40 CFR 63.182(c)]
932	[40 CFR 63.182(d)]	Submit Periodic Reports: Due semiannually starting 6 months after the Notification of Compliance Status, as required in 40 CFR 63.182(c). Include the information specified in 40 CFR 63.182(d)(2) through (d)(4). Subpart H. [40 CFR 63.182(d)]
933	[40 CFR 63.2480]	Comply with the requirements of 40 CFR 63 Subpart H and the requirements referenced therein. (Applies only to specific components associated with the MON unit.) Subpart FFFF.
934	[40 CFR 63.9000(a)]	Prepare and operate at all times according to an equipment LDAR plan that describes in detail the measure that will be put in place to detect leaks and repair them in a timely fashion. Submit the plan to DEQ for comment only with the Notification of Compliance Status. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9000(a)]
935	[40 CFR 63.9040(a)]	Demonstrate continuous compliance with 40 CFR 63 Subpart NNNNN, Table 1 and Table 2, as applicable, according to 40 CFR 63 Subpart NNNNN, Table 4 and Table 5. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9040(a)]
936	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 2.39 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
937	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.55 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum.
938	[LAC 33:III.501.C.6]	Tetrachloroethylene <= 1.28 lb/hr. Which Months: All Year Statistical Basis: Annual maximum
939	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.55 lb/hr. Which Months: All Year Statistical Basis: Hourly average
940	[LAC 33:III.501]	Comply with 40 CFR 63 Subpart H (HON), LAC 33:III.2122, and LAC 33:III.5109 (Louisiana Non-HON MACT) by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H (HON). [LAC 33:III.501, LAC 33:III.2122.A, 40 CFR 63.160, LAC 33:III.5109]
941	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the requirements of 40 CFR 63 Subpart H (HON) in accordance with the streamlining provisions in 40 CFR Part 70 Specific Condition No. 1, 40 CFR 63 Subpart FFFF (MON) for specific components associated with the MON unit, and 40 CFR 63 Subpart NNNNN for specific components in HCl service constitutes MACT.

FUG 0002 1013A - Hose Disconnection Fugitives

942	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No control is determined as MACT.

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GRP 0009 902A - Painting Operations Emissions CAP

Group Members: RLP 0015 RLP 0016

943	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total number of cylinders painted each month, as well as the total number of cylinders painted in the last twelve months. Make records available for inspection by DEQ personnel.
944	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
945	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the number of cylinders painted for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
946	[LAC 33:III.501.C.6]	Cobalt < 0.01 tons/yr Painting Operations Emissions CAP, EIQ No. 902A. Which Months: All Year Statistical Basis: Annual maximum
947	[LAC 33:III.501.C.6]	Cobalt < 0.01 lb/hr Painting Operations Emissions CAP, EIQ No. 902A. Which Months: All Year Statistical Basis: Hourly average
948	[LAC 33:III.501.C.6]	Equipment/operational data <= 292,000 cylinders/year (can be painted). Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the number of cylinders painted exceeds the maximum listed in this specific condition for any twelve consecutive month period. .

GRP 0013 883A - Treated Wastewater Storage Tank Emissions CAP

Group Members: EQT 0132EQT 0133EQT 0134

949	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
950	[LAC 33:III.501.C.6]	Treated Wastewater Throughput <= 946.08 MM gallons/yr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the total annual treated wastewater throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
951	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the total treated wastewater throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
952	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total treated wastewater throughput each month, as well as the total treated wastewater throughput for the last twelve months. Make records available for inspection by DEQ personnel.

GRP 0014 892 - Tank Purging for Non-Condensible Control Emissions CAP

Group Members: EQT 0085EQT 0086EQT 0087EQT 0088EQT 0089EQT 0090EQT 0091EQT 0092EQT 0093EQT 0094EQT 0095EQT 0096EQT 0097EQT 0098EQT 0099EQT 0100EQT 0101EQT 0102 EQT 0103EQT 0104EQT 0105EQT 0106EQT 0107EQT 0108EQT 0111EQT 0112EQT 0113EQT 0114EQT 0115EQT 0116EQT 0117EQT 0118EQT 0119EQT 0120EQT 0121EQT 0125EQT 0126EQT 0127 EQT 0128EQT 0129EQT 0130

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GRP 0014 892 - Tank Purging for Non-Condensible Control Emissions CAP

953	[LAC 33:III.501.C.6]	Equipment/operational data <= 262 (other units) tank purges per year. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if total annual tank purges exceed the maximum listed in this specific condition for any twelve consecutive month period. Which Months: All Year Statistical Basis: None specified
954	[LAC 33:III.501.C.6]	Submit report: Due annually, by the 31st of March. Report the total tank purges for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division.
955	[LAC 33:III.501.C.6]	Equipment/operational data monitored by technically sound method continuously. Which Months: All Year Statistical Basis: None specified
956	[LAC 33:III.501.C.6]	Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total number of tank purges each month, as well as the total number of tank purges for the last twelve months. Make records available for inspection by DEQ personnel.

RLP 0007 1021 - Laboratory Vent Hoods

957	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum
958	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 lb/hr. Which Months: All Year Statistical Basis: Hourly average
959	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
960	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. No control is determined as MACT.

RLP 0014 901 - Paint Dust Collector Vent

961	[LAC 33:III.1311.C]	Opacity <= 20 percent; except emissions may have an average opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. Which Months: All Year Statistical Basis: Six-minute average
962	[LAC 33:III.501.C.6]	Cobalt < 0.01 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
963	[LAC 33:III.501.C.6]	Baghouses (including gaskets): Equipment/operational data monitored by technically sound method semiannually or whenever visible emission checks indicate maintenance may be necessary. Change elements as necessary. Which Months: All Year Statistical Basis: None specified
964	[LAC 33:III.501.C.6]	Baghouses: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.

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RLP 0014 901 - Paint Dust Collector Vent

965	[LAC 33:III.501.C.6]	Filter vents: Visible emissions monitored by visual inspection/determination daily. If visible emissions are observed, restore operation of the filter to its normal or usual manner of operation as expeditiously as practicable, but at a minimum within three working days, in accordance with good air pollution control practices for minimizing emissions. Which Months: All Year Statistical Basis: None specified
966	[LAC 33:III.501.C.6]	Cobalt < 0.01 lb/hr. Which Months: All Year Statistical Basis: Hourly maximum
967	[LAC 33:III.501.C.6]	Particulate matter (10 microns or less) >= 99 % removal efficiency from filter manufacturer's certification. Which Months: All Year Statistical Basis: None specified
968	[LAC 33:III.501.C.6]	Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visible emission checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division.
969	[LAC 33:III.501.C.6]	Cobalt < 0.01 lb/hr. Which Months: All Year Statistical Basis: Hourly average

RLP 0015 902 - Paint Booth Vent

970	[40 CFR 63.3890(b)(1)]	General use coating operations: Organic HAP <= 2.6 lb/gal (0.31 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(1)] Which Months: All Year Statistical Basis: None specified
971	[40 CFR 63.3891(a)]	Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, and that each thinner and/or other additive, and cleaning material used contains no organic HAP. Subpart MMMM. [40 CFR 63.3891(a)]
972	[40 CFR 63.3941]	Demonstrate initial compliance with the emission limitations in 40 CFR 63.3890 using the test methods and procedures specified in 40 CFR 63.3941(a) through (e). Conduct a separate initial compliance demonstration for each general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation, unless compliance is being demonstrated with a predominant activity or facility-specific emission limit as provided in 40 CFR 63.3890(c). Subpart MMMM.
973	[40 CFR 63.3942(a)]	Use no coating for which the organic HAP content (determined using Equation 2 of 40 CFR 63.3941) exceeds the applicable emission limit in 40 CFR 63.3890, and use no thinner and/or other additive, or cleaning material that contains organic HAP, determined according to 40 CFR 63.3941(a). If complying with a facility-specific emission limit under 40 CFR 63.3890(c), also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. Subpart MMMM. [40 CFR 63.3942(a)]
974	[40 CFR 63.3942(c)]	Identify the coating operation(s) for which the compliant material option was used, an submit as part of each semiannual compliance report required by 40 CFR 63.3920. If there were no deviations from the applicable emission limit in 40 CFR 63.3890, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because no coatings were used for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.3890, and no thinner and/or other additive, or cleaning material was used that contained organic HAP, determined according to 40 CFR 63.3941(a). Subpart MMMM. [40 CFR 63.3942(c)]
975	[LAC 33:III.2123.C.9]	VOC, Total <= 3.0 lb/gal of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average

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RLP 0015 902 - Paint Booth Vent

976	[LAC 33:III.2123.D.3]	Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources. Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating.
977	[LAC 33:III.2123.E]	Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.6, as appropriate.
978	[LAC 33:III.2123.F]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with LAC 33:III.2123. Maintain records for at least two years.
979	[LAC 33:III.2123.H]	Comply with the requirements of LAC 33:III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2123 as a result of a revision of LAC 33:III.2123.
980	[LAC 33:III.501.C.6]	Cobalt < 0.01 lb/hr Emissions from this source are included in the Painting Operations Emissions Cap, EIQ No. 902A (GRP0009). Which Months: All Year Statistical Basis: Hourly maximum
981	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the NESHAP requirements of 40 CFR 63 Subpart MMMM is determined as MACT.

RLP 0016 903 - Paint Dryer Vent

982	[40 CFR 63.3890(b)(1)]	General use coating operations: Organic HAP <= 2.6 lb/gal (0.31 kg/L) coating solids used during each 12-month compliance period. Subpart MMMM. [40 CFR 63.3890(b)(1)] Which Months: All Year Statistical Basis: None specified
983	[40 CFR 63.3891(a)]	Demonstrate that the organic HAP content of each coating used in the coating operation(s) is less than or equal to the applicable emission limit in 40 CFR 63.3890, and that each thinner and/or other additive, and cleaning material used contains no organic HAP. Subpart MMMM. [40 CFR 63.3891(a)]
984	[40 CFR 63.3941]	Demonstrate initial compliance with the emission limitations in 40 CFR 63.3890 using the test methods and procedures specified in 40 CFR 63.3941(a) through (e). Conduct a separate initial compliance demonstration for each general use, high performance, magnet wire, rubber-to-metal, and extreme performance fluoropolymer coating operation, unless compliance is being demonstrated with a predominant activity or facility-specific emission limit as provided in 40 CFR 63.3890(c). Subpart MMMM.
985	[40 CFR 63.3942(a)]	Use no coating for which the organic HAP content (determined using Equation 2 of 40 CFR 63.3941) exceeds the applicable emission limit in 40 CFR 63.3890, and use no thinner and/or other additive, or cleaning material that contains organic HAP, determined according to 40 CFR 63.3941(a). If complying with a facility-specific emission limit under 40 CFR 63.3890(c), also perform the calculation using Equation 1 in 40 CFR 63.3890(c)(2) on a monthly basis using the data from the previous 12 months of operation. Subpart MMMM. [40 CFR 63.3942(a)]
986	[40 CFR 63.3942(c)]	Identify the coating operation(s) for which the compliant material option was used, an submit as part of each semiannual compliance report required by 40 CFR 63.3920. If there were no deviations from the applicable emission limit in 40 CFR 63.3890, submit a statement that the coating operation(s) was (were) in compliance with the emission limitations during the reporting period because no coatings were used for which the organic HAP content exceeded the applicable emission limit in 40 CFR 63.3890, and no thinner and/or other additive, or cleaning material was used that contained organic HAP, determined according to 40 CFR 63.3941(a). Subpart MMMM. [40 CFR 63.3942(c)]

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987	[LAC 33:III.2123.C.9]	VOC, Total <= 3.0 lb/gal of coating as applied (minus water and exempt solvent). Which Months: All Year Statistical Basis: Daily average
988	[LAC 33:III.2123.D.3]	Determine compliance by the procedure specified in "Control of Volatile Organic Emissions for Existing Stationary Sources. Vol. 2-Surface Coating of Cans, Coils, Paper, Fabric, Autos and Lt. Duty Trucks", (EPA 450/2-77-008), the procedures specified in "Measurement of Volatile Organic Compounds" (EPA-450/2-78-041), a method approved by DEQ or certification from the paint manufacturer concerning the solvent makeup of the paint. Treat exempt solvents the same as water in calculating the VOC content per gallon of coating.
989	[LAC 33:III.2123.E]	Determine compliance with LAC 33:III.2123.A, C, and D by applying the test methods specified in LAC 33:III.2123.E.1 through E.6, as appropriate.
990	[LAC 33:III.2123.F]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in LAC 33:III.2123.F.1 through F.4 to verify compliance with LAC 33:III.2123. Maintain records for at least two years.
991	[LAC 33:III.2123.H]	Comply with the requirements of LAC 33:III.2123 as soon as practicable, but in no event later than one year from the promulgation of the regulation revision, if subject to LAC 33:III.2123 as a result of a revision of LAC 33:III.2123.
992	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the NESHAP requirements of 40 CFR 63 Subpart MMMM is determined as MACT.

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Group Members: EQT 0082 EQT 0083 EQT 0084 EQT 0085 EQT 0086 EQT 0087 EQT 0088 EQT 0089 EQT 0090 EQT 0091 EQT 0092 EQT 0093 EQT 0094 EQT 0095 EQT 0096 EQT 0097 EQT 0098 EQT 0099 EQT 0100 EQT 0101 EQT 0102 EQT 0103 EQT 0104 EQT 0105 EQT 0106 EQT 0107 EQT 0108 EQT 0109 EQT 0110 EQT 0149 EQT 0150 EQT 0151 FUG 0001 FUG 0002 GRP 0009 GRP 0013 GRP 0014 RLP 0007 RLP 0013 RLP 0014 RLP 0015 RLP 0016 RLP 0017 RLP 0018 RLP 0019 RLP 0020 RLP 0021 RLP 0022 RLP 0027 RLP 0028 RLP 0029 RLP 0030 RLP 0031 RLP 0032 SCN 0012 SCN 0013 EQT 0009 EQT 0010 EQT 0011 EQT 0012 EQT 0013 EQT 0014 EQT 0015 EQT 0016 EQT 0017 EQT 0018 EQT 0019 EQT 0020 EQT 0111 EQT 0112 EQT 0113 EQT 0114 EQT 0115 EQT 0116 EQT 0117 EQT 0118 EQT 0119 EQT 0120 EQT 0121 EQT 0122 EQT 0123 EQT 0124 EQT 0125 EQT 0126 EQT 0127 EQT 0128 EQT 0129 EQT 0130 EQT 0131 EQT 0132 EQT 0133 EQT 0134 EQT 0135 EQT 0146 EQT 0147 EQT 0148 EQT 0021 EQT 0022 EQT 0023 EQT 0031 EQT 0032 EQT 0033 EQT 0035 EQT 0050 EQT 0051 EQT 0052 EQT 0053 EQT 0054 EQT 0055 EQT 0056 EQT 0057 EQT 0063 EQT 0066 EQT 0067 EQT 0071 EQT 0072 EQT 0073 EQT 0074 EQT 0075 EQT 0076 EQT 0077 EQT 0078 EQT 0079 EQT 0081

993	[40 CFR 60.1]	All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A.
994	[40 CFR 61.01]	All affected facilities shall comply with all applicable provisions in 40 CFR 61 Subpart A.
995	[40 CFR 61.355]	Determine compliance with 40 CFR 61 Subpart FF using the test methods and procedures specified in 40 CFR 61.355(a) through (i), as applicable. Subpart FF.
996	[40 CFR 61.356]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency Maintain records as specified in 40 CFR 61.356(a) through (n), as applicable. Maintain each record in a readily accessible location at the facility site for a period not less than two years from the date the information is recorded unless otherwise specified. Subpart FF.

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997	[40 CFR 61.357(a)]	Submit report: Due within 90 days after January 7, 1993. Submit a report that summarizes the regulatory status of each waste stream subject to 40 CFR 61.342 and is determined by the procedures specified in 40 CFR 61.355(c) to contain benzene. Include the information specified in 40 CFR 61.357(a)(1) through (a)(4). If there is no benzene onsite in wastes, products, by-products, or intermediates, submit an initial report that is a statement to this effect. Subpart FF. [40 CFR 61.357(a)]
998	[40 CFR 61.357(b)]	Submit report: Due whenever there is a change in the process generating the waste stream that could cause the total annual benzene quantity from facility waste to increase to 1 Mg/yr (1.1 ton/yr) or more. Submit updates to the information listed in 40 CFR 61.357(a)(1) through (a)(3). Subpart FF. [40 CFR 61.357(b)]
999	[40 CFR 63.112(a)]	Control emissions of organic HAP's to the level represented by the equation listed in 40 CFR 63.112(a). Subpart G. [40 CFR 63.112(a)]
1000	[40 CFR 63.112(c)]	Demonstrate compliance with the emission standard in 40 CFR 63.112(a) by following the procedures specified in 40 CFR 63.112(e) for all emission points, or by following the emissions averaging compliance approach specified in 40 CFR 63.112(f) for some emission points and the procedures specified in 40 CFR 63.112(e) for all other emission points within the source. Subpart G. [40 CFR 63.112(c)]
1001	[40 CFR 63.151(b)]	Submit Initial Notification: Due in writing within 120 calendar days after the date of promulgation of 40 CFR 63 Subpart G. Include the information specified in 40 CFR 63.151(b)(1)(i) through (b)(1)(v). Subpart G. [40 CFR 63.151(b)]
1002	[40 CFR 63.152(b)]	Submit Notification of Compliance Status: Due within 150 calendar days after the compliance dates specified in 40 CFR 63.100. Include the information specified in 40 CFR 63.152(b)(1) through (b)(6), as applicable. Subpart G. [40 CFR 63.152(b)]
1003	[40 CFR 63.152(c)]	Submit Periodic Reports: Due semiannually no later than 60 calendar days after the end of each 6-month period, except as specified in 40 CFR 63.152(c)(5) and (c)(6). Submit the first report no later than 8 months after the date the Notification of Compliance Status is due. Include the information specified in 40 CFR 63.152(c)(2) through (c)(4). Subpart G. [40 CFR 63.152(c)]
1004	[40 CFR 63.1]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A.
1005	[40 CFR 63.2435]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart FFFF.
1006	[40 CFR 63.3881]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart MMMM.
1007	[40 CFR 63.3900(b)]	Operate and maintain the affected source, including all air pollution control and monitoring equipment used for the purposes of complying with 40 CFR 63 Subpart MMMM, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart MMMM. [40 CFR 63.3900(b)]
1008	[40 CFR 63.3910(a)]	Submit the notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4), and 63.9(b) through (e) and (h), as applicable, by the dates specified in those sections, except as provided in 40 CFR 63.3910(b) and (c). Subpart MMMM. [40 CFR 63.3910(a)]
1009	[40 CFR 63.3910(c)]	Include the information specified in 40 CFR 63.3910(c)(1) through (c)(11) and in 40 CFR 63.9(h) in the notification of compliance status required by 40 CFR 63.9(h). Subpart MMMM. [40 CFR 63.3910(c)]
1010	[40 CFR 63.3920(a)]	Submit compliance status report: Due semiannually, by the 31st of January and July. Include the information specified in 40 CFR 63.3920(a)(3) through (a)(7) and (c)(1), as applicable. Subpart MMMM. [40 CFR 63.3920(a)]
1011	[40 CFR 63.3920(c)(2)]	Submit startup, shutdown and malfunction report: Due within 2 working days by facsimile, telephone, or other means after starting actions that are inconsistent with the startup, shutdown and malfunction plan. Describe the actions taken during the event. Submit a letter within 7 working days after the end of the event, unless alternative arrangements have been made with DEQ as specified in 40 CFR 63.10(d)(5)(ii). Include the information specified in 40 CFR 63.10(d)(5)(ii). Subpart MMMM. [40 CFR 63.3920(c)(2)]
1012	[40 CFR 63.3930]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.3930(a) through (k), as applicable. Subpart MMMM.

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1013	[40 CFR 63.3931]	Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record, as specified in 40 CFR 63.10(b)(1). Keep each record on-site for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record according to 40 CFR 63.10(b)(1). Records may be kept off-site for the remaining 3 years. Subpart MMMM.
1014	[40 CFR 63.8985]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart NNNNN.
1015	[40 CFR 63.9005(a)]	Comply with emission limitations and work practice standards in 40 CFR 63 Subpart NNNNN at all times, except during periods of startup, shutdown, and malfunction. Subpart NNNNN. [40 CFR 63.9005(a)]
1016	[40 CFR 63.9005(b)]	Operate and maintain facility, including air pollution control and monitoring equipment, according to the provisions in 40 CFR 63.6(e)(1)(i). Subpart NNNNN. [40 CFR 63.9005(b)]
1017	[40 CFR 63.9005(c)]	Develop a written startup, shutdown, and malfunction plan according to the provisions in 40 CFR 63.6(e)(3). Subpart NNNNN. [40 CFR 63.9005(c)]
1018	[40 CFR 63.9005(d)]	Develop, implement, and submit to DEQ a site-specific monitoring plan for each monitoring system that addresses the installation requirements in 40 CFR 63.9005(d)(1) through (d)(3), the ongoing procedures in 40 CFR 63.9005(d)(4) through (d)(6), and the requirements in 40 CFR 63.9025, as applicable. Submit the plan with the Notification of Compliance Status. Subpart NNNNN. [40 CFR 63.9005(d)]
1019	[40 CFR 63.9030(c)]	Submit Notification of Compliance Status: Due within 240 calendar days after the applicable compliance dates specified in 40 CFR 63.8995, as specified in 40 CFR 63.9045(f). Include the results of the initial compliance demonstration and the information specified in 40 CFR 63.9045(g)(1) and (g)(2). Subpart NNNNN. [40 CFR 63.9030(c)]
1020	[40 CFR 63.9045(a)]	Submit all of the applicable notifications in 40 CFR 63.7(b) and (c), 63.8(f)(4) and (f)(6), and 63.9(b) through (h) by the dates specified. Subpart NNNNN. [40 CFR 63.9045(a)]
1021	[40 CFR 63.9045(d)]	Submit notification of intent to conduct performance test: Due at least 60 calendar days before the performance test is scheduled to begin, as required in 40 CFR 63.7(b)(1). Subpart NNNNN. [40 CFR 63.9045(d)]
1022	[40 CFR 63.9050(f)]	Submit an immediate startup, shutdown and malfunction report for each startup, shutdown, or malfunction during the reporting period that is not consistent with the startup, shutdown, and malfunction plan. Submit each report according to 40 CFR 63.9050(f)(1) and (f)(2), unless DEQ has approved a different schedule for submission of reports under 40 CFR 63.10(a). Subpart NNNNN. [40 CFR 63.9050(f)]
1023	[40 CFR 63.9050]	Submit compliance status report: Due semiannually, by the 31st of January and July. Include the information specified in 40 CFR 63.9050(c) through (e), as applicable. Subpart NNNNN.
1024	[40 CFR 63.9055]	Equipment/operational data recordkeeping by electronic or hard copy at the approved frequency. Keep records of the information specified in 40 CFR 63.9055(a) and (b)(1) through (b)(6), as applicable. Subpart NNNNN.
1025	[40 CFR 63.9060(d)]	Keep each previous (i.e. superseded) version of the site-specific monitoring plan and the LDAR plan for a period of 5 years after revision of the plan. If, at any time after adoption of a site-specific monitoring plan or an LDAR plan, the source ceases operation or it otherwise no longer subject to the provisions of 40 CFR 63 Subpart NNNNN, retain a copy of the most recent plan for 5 years from the date the source ceases operation or is no longer subject to 40 CFR 63 Subpart NNNNN. Subpart NNNNN. [40 CFR 63.9060(d)]

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1026	[40 CFR 63.9060]	Keep records in a form suitable and readily available for expeditious inspection and review, according to 40 CFR 63.10(b)(1). Keep each record for 5 years following the date of each occurrence, measurement, maintenance, correction action, report, or record, as specified in 40 CFR 63.10(b)(1). Keep each record on site, or readily accessible from on site through a computer or other means, for at least 2 years after the date of each occurrence, measurement, maintenance, corrective action, report, or record, according to 40 CFR 63.10(b)(1). Records may be kept off-site for the remaining 3 years. Subpart NNNNN.
1027	[40 CFR 63.980]	All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart SS.
1028	[LAC 33:III.1305]	Prevent particulate matter from becoming airborne by taking all reasonable precautions. These precautions shall include, but not be limited to, those specified in LAC 33:III.1305.A.1-7.
1029	[LAC 33:III.501.C.6]	Antimony < 0.001 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
1030	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 3.73 tons/yr. Which Months: All Year Statistical Basis: Annual maximum
1031	[LAC 33:III.501.C.6]	Cobalt <= 0.001 tons/yr. Which Months: All Year Statistical Basis: Annual maximum

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Group Members: EQT 0044 EQT 0045 EQT 0046 EQT 0047 EQT 0138 FUG 0008 FUG 0009 FUG 0010 FUG 0011 FUG 0014 RLP 0009 RLP 0010 RLP 0011 SCN 0005 SCN 0006 SCN 0007 SCN 0008

EQT 0044 310-(Omni(11/12)) - Catalyst Sampling (Omni Unit)

1032	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 31.20 lb/hr Alternate Operating Scenario (SCN0007): Emissions are from the production of G-11/12 in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly maximum
1033	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 tons/yr Alternate Operating Scenario (SCN0007): Emissions are from the production of G-11/12 in the Omni Unit only. Which Months: All Year Statistical Basis: Annual maximum
1034	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 lb/hr Alternate Operating Scenario (SCN0007): Emissions are from the production of G-11/12 in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly average
1035	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAPs only. MACT is not required.

EQT 0045 310-(Omni(113/114)) - Catalyst Sampling (Omni Unit)

1036	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 lb/hr Alternate Operating Scenario (SCN0005): Emissions are from the production of G-113/114 in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly average

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EQT 0045 310-(Omni(113/114)) - Catalyst Sampling (Omni Unit)

1037	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 tons/yr Alternate Operating Scenario (SCN0005): Emissions are from the production of G-113/114 in the Omni Unit only. Which Months: All Year Statistical Basis: Annual maximum
1038	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 31.20 lb/hr Alternate Operating Scenario (SCN0005): Emissions are from the production of G-113/114 in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly maximum
1039	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAPs only. MACT is not required.

EQT 0046 310-(Omni(143a/134)) - Catalyst Sampling (Omni Unit)

1040	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 lb/hr Alternate Operating Scenario (SCN0006): Emissions are from the production of G-143a in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly average
1041	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 31.20 lb/hr Alternate Operating Scenario (SCN0006): Emissions are from the production of G-143a in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly maximum
1042	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.01 tons/yr Alternate Operating Scenario (SCN0006): Emissions are from the production of G-143a in the Omni Unit only. Which Months: All Year Statistical Basis: Annual maximum
1043	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAPs only. MACT is not required.

EQT 0047 310-(Omni(22)) - Catalyst Sampling (Omni Unit)

1044	[LAC 33:III.501.C.6]	Hydrogen fluoride < 0.01 lb/hr Alternate Operating Scenario (SCN0008): Emissions are from the production of G-22 in Omni Unit only. Which Months: All Year Statistical Basis: Hourly average
1045	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 31.20 lb/hr Alternate Operating Scenario (SCN0008): Emissions are from the production of G-22 in Omni Unit only. Which Months: All Year Statistical Basis: Hourly maximum
1046	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.03 tons/yr Alternate Operating Scenario (SCN0008): Emissions are from the production of G-22 in Omni Unit only. Which Months: All Year Statistical Basis: Annual maximum
1047	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Emits Class III TAPs only. MACT is not required.

FUG 0008 305 - G-143a Production Fugitive Emissions (Omni Unit)

1048	[40 CFR 63.162(c)]	Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]

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FUG 0008 305 - G-143a Production Fugitive Emissions (Omni Unit)

1049	[40 CFR 63.162(f)]	Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]
1050	[40 CFR 63.163(b)(1)]	Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)] Which Months: All Year Statistical Basis: None specified
1051	[40 CFR 63.163(b)(3)]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)] Which Months: All Year Statistical Basis: None specified
1052	[40 CFR 63.163(c)]	Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
1053	[40 CFR 63.163(d)(2)]	Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
1054	[40 CFR 63.163(d)(4)]	Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]
1055	[40 CFR 63.163(e)(1)]	Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
1056	[40 CFR 63.163(e)(2)]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]
1057	[40 CFR 63.163(e)(3)]	Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]

Group: PCS 0004 Omni Process Group

FUG 0008 305 - G-143a Production Fugitive Emissions (Omni Unit)

1058	[40 CFR 63.163(e)(4)]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)] Which Months: All Year Statistical Basis: None specified
1059	[40 CFR 63.163(e)(6)(i)]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
1060	[40 CFR 63.163(e)(6)]	Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]
1061	[40 CFR 63.163(e)]	Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)] Which Months: All Year Statistical Basis: None specified
1062	[40 CFR 63.163(j)(1)]	Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]
1063	[40 CFR 63.163(j)(2)]	Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)] Which Months: All Year Statistical Basis: None specified
1064	[40 CFR 63.164(a)]	Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i). Subpart H. [40 CFR 63.164(a)]
1065	[40 CFR 63.164(b)]	Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]
1066	[40 CFR 63.164(c)]	Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
1067	[40 CFR 63.164(d)]	Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]

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1068	[40 CFR 63.164(e)(2)]	Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
1069	[40 CFR 63.164(g)]	Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
1070	[40 CFR 63.164(i)(2)]	Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)] Which Months: All Year Statistical Basis: None specified
1071	[40 CFR 63.164]	Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H. Which Months: All Year Statistical Basis: None specified
1072	[40 CFR 63.165(a)]	Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)] Which Months: All Year Statistical Basis: None specified
1073	[40 CFR 63.165(b)(1)]	Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
1074	[40 CFR 63.165(b)(2)]	Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)] Which Months: All Year Statistical Basis: None specified
1075	[40 CFR 63.165(d)(2)]	Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
1076	[40 CFR 63.166]	Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
1077	[40 CFR 63.167]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.

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1078	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
1079	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
1080	[40 CFR 63.168(d)(1)]	Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)] Which Months: All Year Statistical Basis: None specified
1081	[40 CFR 63.168(d)(2)]	Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)] Which Months: All Year Statistical Basis: None specified
1082	[40 CFR 63.168(e)(1)]	Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]
1083	[40 CFR 63.168(f)(3)]	Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)] Which Months: All Year Statistical Basis: None specified
1084	[40 CFR 63.168(f)]	Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]
1085	[40 CFR 63.168(h)(1)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Determine that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]
1086	[40 CFR 63.168(h)(2)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)] Which Months: All Year Statistical Basis: None specified

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1087	[40 CFR 63.168(i)(1)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Determine that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(1)]
1088	[40 CFR 63.168(i)(3)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valves at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(3)] Which Months: All Year Statistical Basis: None specified
1089	[40 CFR 63.169(a)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)] Which Months: All Year Statistical Basis: None specified
1090	[40 CFR 63.169(c)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]
1091	[40 CFR 63.170]	Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
1092	[40 CFR 63.172(f)(1)(i)]	Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)] Which Months: All Year Statistical Basis: None specified
1093	[40 CFR 63.172(f)(1)(ii)]	Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)] Which Months: All Year Statistical Basis: None specified
1094	[40 CFR 63.172(f)(2)(i)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)] Which Months: All Year Statistical Basis: None specified

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1095	[40 CFR 63.172(f)(2)(ii)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)] Which Months: All Year Statistical Basis: None specified
1096	[40 CFR 63.172(h)]	Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
1097	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes. Install flow indicator at the entrance to any bypass line. Subpart H. [40 CFR 63.172(j)(1)] Which Months: All Year Statistical Basis: None specified
1098	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]
1099	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Seal or closure mechanism monitored by visual inspection/determination monthly to ensure the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line. Subpart H. [40 CFR 63.172(j)(2)] Which Months: All Year Statistical Basis: None specified
1100	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart H. [40 CFR 63.172(j)(2)]
1101	[40 CFR 63.172(k)(1)]	Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
1102	[40 CFR 63.172(k)(2)]	Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)] Which Months: All Year Statistical Basis: None specified
1103	[40 CFR 63.172(l)(1)]	Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
1104	[40 CFR 63.172(l)(2)]	Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)] Which Months: All Year Statistical Basis: None specified
1105	[40 CFR 63.172(m)]	Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]

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1106	[40 CFR 63.173(a)]	Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)] Which Months: All Year Statistical Basis: None specified
1107	[40 CFR 63.173(b)]	Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)] Which Months: All Year Statistical Basis: None specified
1108	[40 CFR 63.173(c)]	Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]
1109	[40 CFR 63.173(d)(1)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
1110	[40 CFR 63.173(d)(2)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
1111	[40 CFR 63.173(d)(3)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
1112	[40 CFR 63.173(d)(4)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)] Which Months: All Year Statistical Basis: None specified
1113	[40 CFR 63.173(d)(6)(i)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
1114	[40 CFR 63.173(d)(6)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]

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1115	[40 CFR 63.173(d)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)] Which Months: All Year Statistical Basis: None specified
1116	[40 CFR 63.173(h)(1)]	Agitators in gas/vapor service or light liquid service (difficult to monitor): Determine that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]
1117	[40 CFR 63.173(h)(3)]	Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)] Which Months: All Year Statistical Basis: None specified
1118	[40 CFR 63.173(j)(1)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Determine that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
1119	[40 CFR 63.173(j)(2)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)] Which Months: All Year Statistical Basis: None specified
1120	[40 CFR 63.174(b)(1)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)] Which Months: All Year Statistical Basis: None specified
1121	[40 CFR 63.174(b)(2)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)] Which Months: All Year Statistical Basis: None specified
1122	[40 CFR 63.174(b)(3)(i)]	Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)] Which Months: All Year Statistical Basis: None specified

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1123	[40 CFR 63.174(b)(3)(ii)]	Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
1124	[40 CFR 63.174(c)(1)(i)]	Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
1125	[40 CFR 63.174(c)(2)(i)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]
1126	[40 CFR 63.174(c)(2)(ii)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)] Which Months: All Year Statistical Basis: None specified
1127	[40 CFR 63.174(d)]	Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
1128	[40 CFR 63.174(f)(1)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Determine that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
1129	[40 CFR 63.174(f)(2)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)] Which Months: All Year Statistical Basis: None specified
1130	[40 CFR 63.174(g)]	Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Determine that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
1131	[40 CFR 63.174(h)(2)]	Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
1132	[40 CFR 63.174(i)]	Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]
1133	[40 CFR 63.180]	Comply with the test methods and procedures requirements provided in 40 CFR 63.180. Subpart H.

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FUG 0008 305 - G-143a Production Fugitive Emissions (Omni Unit)

1134	[40 CFR 63.181]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 63.181(a) through (k). Subpart H.
1135	[40 CFR 63.182(b)]	Submit Initial Notification: Due within 120 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]
1136	[40 CFR 63.182(c)]	Submit Notification of Compliance Status: Due within 90 days of the compliance dates specified in the 40 CFR 63 subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(c)(1) through (c)(3). Subpart H. [40 CFR 63.182(c)]
1137	[40 CFR 63.182(d)]	Submit Periodic Reports: Due semiannually starting 6 months after the Notification of Compliance Status, as required in 40 CFR 63.182(c). Include the information specified in 40 CFR 63.182(d)(2) through (d)(4). Subpart H. [40 CFR 63.182(d)]
1138	[40 CFR 63.9000(a)]	Prepare and operate at all times according to an equipment LDAR plan that describes in detail the measure that will be put in place to detect leaks and repair them in a timely fashion. Submit the plan to DEQ for comment only with the Notification of Compliance Status. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9000(a)]
1139	[40 CFR 63.9040(a)]	Demonstrate continuous compliance with 40 CFR 63 Subpart NNNNN, Table 1 and Table 2, as applicable, according to 40 CFR 63 Subpart NNNNN, Table 4 and Table 5. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9040(a)]
1140	[LAC 33:III.2122.A]	Comply with 40 CFR 63 Subpart H (HON), LAC 33:III.2122, and LAC 33:III.5109 (Louisiana Non-HON MACT) by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H (HON). [LAC 33:III.2122.A, 40 CFR 63.160, LAC 33:III.501, LAC 33:III.5109]
1141	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.97 lb/hr Alternate Operating Scenario (SCN0006): Emissions are from the production of G-143a in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly maximum
1142	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.97 lb/hr Alternate Operating Scenario (SCN0006): Emissions are from the production of G-143a in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly average
1143	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 4.23 tons/yr Alternate Operating Scenario (SCN0006): Emissions are from the production of G-143a in the Omni Unit only. Which Months: All Year Statistical Basis: Annual maximum
1144	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the requirements of 40 CFR 63 Subpart H (HON) in accordance with the streamlined fugitive emissions monitoring program and with the requirements of 40 CFR 63 Subpart NNNNN for specific components in HCl service is determined as MACT.

FUG 0009 306 - G-11/12 Production Fugitive Emissions (Omni Unit)

1145	[40 CFR 63.162(c)]	Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]

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FUG 0009 306 - G-11/12 Production Fugitive Emissions (Omni Unit)

1146	[40 CFR 63.162(f)]	Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]
1147	[40 CFR 63.163(b)(1)]	Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)] Which Months: All Year Statistical Basis: None specified
1148	[40 CFR 63.163(b)(3)]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)] Which Months: All Year Statistical Basis: None specified
1149	[40 CFR 63.163(c)]	Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
1150	[40 CFR 63.163(d)(2)]	Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
1151	[40 CFR 63.163(d)(4)]	Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]
1152	[40 CFR 63.163(e)(1)]	Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
1153	[40 CFR 63.163(e)(2)]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]
1154	[40 CFR 63.163(e)(3)]	Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]

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1155	[40 CFR 63.163(e)(4)]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)] Which Months: All Year Statistical Basis: None specified
1156	[40 CFR 63.163(e)(6)(i)]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
1157	[40 CFR 63.163(e)(6)]	Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]
1158	[40 CFR 63.163(e)]	Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)] Which Months: All Year Statistical Basis: None specified
1159	[40 CFR 63.163(j)(1)]	Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]
1160	[40 CFR 63.163(j)(2)]	Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)] Which Months: All Year Statistical Basis: None specified
1161	[40 CFR 63.164(a)]	Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i). Subpart H. [40 CFR 63.164(a)]
1162	[40 CFR 63.164(b)]	Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]
1163	[40 CFR 63.164(c)]	Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
1164	[40 CFR 63.164(d)]	Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]

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1165	[40 CFR 63.164(e)(2)]	Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
1166	[40 CFR 63.164(g)]	Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
1167	[40 CFR 63.164(i)(2)]	Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)] Which Months: All Year Statistical Basis: None specified
1168	[40 CFR 63.164]	Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H. Which Months: All Year Statistical Basis: None specified
1169	[40 CFR 63.165(a)]	Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)] Which Months: All Year Statistical Basis: None specified
1170	[40 CFR 63.165(b)(1)]	Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
1171	[40 CFR 63.165(b)(2)]	Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)] Which Months: All Year Statistical Basis: None specified
1172	[40 CFR 63.165(d)(2)]	Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
1173	[40 CFR 63.166]	Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
1174	[40 CFR 63.167]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.

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1175	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
1176	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
1177	[40 CFR 63.168(d)(1)]	Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)] Which Months: All Year Statistical Basis: None specified
1178	[40 CFR 63.168(d)(2)]	Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)] Which Months: All Year Statistical Basis: None specified
1179	[40 CFR 63.168(e)(1)]	Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]
1180	[40 CFR 63.168(f)(3)]	Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)] Which Months: All Year Statistical Basis: None specified
1181	[40 CFR 63.168(f)]	Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]
1182	[40 CFR 63.168(h)(1)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Determine that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]
1183	[40 CFR 63.168(h)(2)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)] Which Months: All Year Statistical Basis: None specified

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1184	[40 CFR 63.168(i)(1)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Determine that the valve cannot be monitored without elevating the monitoring personnel more than 2 meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(1)]
1185	[40 CFR 63.168(i)(3)]	Valves in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the valves at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (d). Subpart H. [40 CFR 63.168(i)(3)] Which Months: All Year Statistical Basis: None specified
1186	[40 CFR 63.169(a)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) if evidence of a potential leak to the atmosphere is found by visible, audible, olfactory, or any other detection method. If a reading of 10,000 ppm for agitators, 5,000 ppm for pumps handling polymerizing monomers, 2,000 ppm for all other pumps (including pumps in food/medical service), or 500 ppm for valves, connectors, instrumentation systems, and pressure relief devices, or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.169(c). Subpart H. [40 CFR 63.169(a)] Which Months: All Year Statistical Basis: None specified
1187	[40 CFR 63.169(c)]	Pumps, valves, connectors, and agitators in heavy liquid service; instrumentation systems; and pressure relief devices in liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.169(c)]
1188	[40 CFR 63.170]	Surge control vessels and bottoms receivers: Equip with a closed-vent system that routes the organic vapors vented from the surge control vessel or bottoms receiver back to the process or to a control device that complies with the requirements of 40 CFR 63.172, except as provided in 40 CFR 63.162(b), or comply with the requirements of 40 CFR 63.119(b) or (c), if surge control vessel or bottoms receiver is not routed back to the process and meets the conditions specified in 40 CFR 63 Subpart H Table 2 or Table 3. Subpart H.
1189	[40 CFR 63.172(f)(1)(i)]	Closed-vent system (hard-piping): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(i)] Which Months: All Year Statistical Basis: None specified
1190	[40 CFR 63.172(f)(1)(ii)]	Closed-vent system (hard-piping): Presence of a leak monitored by visual, audible, and/or olfactory annually. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(1)(ii)] Which Months: All Year Statistical Basis: None specified
1191	[40 CFR 63.172(f)(2)(i)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(i)] Which Months: All Year Statistical Basis: None specified

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1192	[40 CFR 63.172(f)(2)(ii)]	Closed-vent system (duct work): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually according to the procedures in 40 CFR 63.180(b). If an instrument reading greater than 500 ppm above background is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.172(h). Subpart H. [40 CFR 63.172(f)(2)(ii)] Which Months: All Year Statistical Basis: None specified
1193	[40 CFR 63.172(h)]	Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.172(i). Subpart H. [40 CFR 63.172(h)]
1194	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow recordkeeping by electronic or hard copy once every 15 minutes. Generate records as specified in 40 CFR 63.118(a)(3). Subpart H. [40 CFR 63.172(j)(1)]
1195	[40 CFR 63.172(j)(1)]	Closed-vent system (bypass lines): Flow monitored by flow indicator once every 15 minutes. Install flow indicator at the entrance to any bypass line. Subpart H. [40 CFR 63.172(j)(1)] Which Months: All Year Statistical Basis: None specified
1196	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Secure the bypass line valve in the non-diverting position with a car-seal or a lock-and-key type configuration. Subpart H. [40 CFR 63.172(j)(2)]
1197	[40 CFR 63.172(j)(2)]	Closed-vent system (bypass lines): Seal or closure mechanism monitored by visual inspection/determination monthly to ensure the valve is maintained in the non-diverting position and the vent stream is not diverted through the bypass line. Subpart H. [40 CFR 63.172(j)(2)] Which Months: All Year Statistical Basis: None specified
1198	[40 CFR 63.172(k)(1)]	Closed-vent system (unsafe-to-inspect): Determine that the equipment is unsafe to inspect because inspecting personnel would be exposed to an imminent or potential dangers as a consequence of complying with 40 CFR 63.172(f)(1) or (f)(2). Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(1)]
1199	[40 CFR 63.172(k)(2)]	Closed-vent system (unsafe-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires inspection of the equipment as frequently as practicable during safe-to-inspect times, but not more frequently than annually. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(k)(2)] Which Months: All Year Statistical Basis: None specified
1200	[40 CFR 63.172(l)(1)]	Closed-vent system (difficult-to-inspect): Determine that the equipment cannot be inspected without elevating the inspecting personnel more than 2 meters above a support surface. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(1)]
1201	[40 CFR 63.172(l)(2)]	Closed-vent system (difficult-to-inspect): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every five years. Maintain a written plan that requires inspection of the equipment at least once every five years. Comply with this requirement instead of the requirements in 40 CFR 63.172(f)(1) and (f)(2). Subpart H. [40 CFR 63.172(l)(2)] Which Months: All Year Statistical Basis: None specified
1202	[40 CFR 63.172(m)]	Ensure that the closed-vent system or control device is operating whenever organic HAP emissions are vented to the closed-vent system or control device. Subpart H. [40 CFR 63.172(m)]

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1203	[40 CFR 63.173(a)]	Agitators in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(a)] Which Months: All Year Statistical Basis: None specified
1204	[40 CFR 63.173(b)]	Agitators in gas/vapor service or light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar) for indications of liquids dripping from the agitator. If there are indications of liquids dripping from the agitator, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.173(c). Subpart H. [40 CFR 63.173(b)] Which Months: All Year Statistical Basis: None specified
1205	[40 CFR 63.173(c)]	Agitators in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.173(c)]
1206	[40 CFR 63.173(d)(1)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the agitator stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(1)]
1207	[40 CFR 63.173(d)(2)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid organic HAP service. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(2)]
1208	[40 CFR 63.173(d)(3)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(3)]
1209	[40 CFR 63.173(d)(4)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the agitator seal. If there are indications of liquid dripping from the agitator seal at the time of the weekly inspection, monitor the agitator as specified in 40 CFR 63.180(b) to determine the presence of organic HAP in the barrier fluid. If an instrument reading of 10,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(4)] Which Months: All Year Statistical Basis: None specified
1210	[40 CFR 63.173(d)(6)(i)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)(i)]
1211	[40 CFR 63.173(d)(6)]	Agitators in gas/vapor service and light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)(6)]

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1212	[40 CFR 63.173(d)]	Agitators in gas/vapor service or light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the agitator is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.173(d)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.173(d)(6). Comply with this requirement instead of the requirements in 40 CFR 63.173(a). Subpart H. [40 CFR 63.173(d)] Which Months: All Year Statistical Basis: None specified
1213	[40 CFR 63.173(h)(1)]	Agitators in gas/vapor service or light liquid service (difficult to monitor): Determine that the agitator cannot be monitored without elevating the monitoring personnel more than two meters above a support surface or it is not accessible at anytime in a safe manner. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(1)]
1214	[40 CFR 63.173(h)(3)]	Agitators in gas/vapor service or light liquid service (difficult-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Maintain a written plan that requires monitoring of the agitator at least once per calendar year. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(h)(3)] Which Months: All Year Statistical Basis: None specified
1215	[40 CFR 63.173(j)(1)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Determine that the agitator is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.173(a) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(1)]
1216	[40 CFR 63.173(j)(2)]	Agitators in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the agitator as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.173(a) through (d). Subpart H. [40 CFR 63.173(j)(2)] Which Months: All Year Statistical Basis: None specified
1217	[40 CFR 63.174(b)(1)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within 12 months after the compliance date, except as provided in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(1)] Which Months: All Year Statistical Basis: None specified
1218	[40 CFR 63.174(b)(2)]	Connectors in gas/vapor service or light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within the first 12 months after initial startup or by no later than 12 months after the date of promulgation of a specific subpart that references 40 CFR 63 Subpart H, whichever is later, except as specified in 40 CFR 63.174(f) through (h). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(b)(2)] Which Months: All Year Statistical Basis: None specified
1219	[40 CFR 63.174(b)(3)(i)]	Connectors in gas/vapor service or light liquid service (0.5% or greater leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 annually. Subpart H. [40 CFR 63.174(b)(3)(i)] Which Months: All Year Statistical Basis: None specified

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1220	[40 CFR 63.174(b)(3)(ii)]	Connectors in gas/vapor service or light liquid service (less than 0.5% leaking): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once every two years. Subpart H. [40 CFR 63.174(b)(3)(ii)] Which Months: All Year Statistical Basis: None specified
1221	[40 CFR 63.174(c)(1)(i)]	Connectors in gas/vapor service or light liquid service (opened or otherwise had the seal broken): Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 within three months after being returned to organic HAP service or when it is reconnected. If monitoring detects a leak, repair according to the provisions of 40 CFR 63.174(d), as specified, except as provided in 40 CFR 63.174(c)(1)(ii). Subpart H. [40 CFR 63.174(c)(1)(i)] Which Months: All Year Statistical Basis: None specified
1222	[40 CFR 63.174(c)(2)(i)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Comply with the requirements of 40 CFR 63.169. Subpart H. [40 CFR 63.174(c)(2)(i)]
1223	[40 CFR 63.174(c)(2)(ii)]	Connectors in gas/vapor service or light liquid service (2 inches or less in nominal diameter): Organic HAP monitored by technically sound method within three months after being returned to organic HAP service after having been opened or otherwise had the seal broken. If monitoring detects a leak, implement repair provisions in 40 CFR 63.174(d). Subpart H. [40 CFR 63.174(c)(2)(ii)] Which Months: All Year Statistical Basis: None specified
1224	[40 CFR 63.174(d)]	Connectors in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after it each leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Subpart H. [40 CFR 63.174(d)]
1225	[40 CFR 63.174(f)(1)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Determine that the connector is unsafe to monitor because personnel would be exposed to an immediate danger as a result of complying with 40 CFR 63.174(a) through (c). Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(1)]
1226	[40 CFR 63.174(f)(2)]	Connectors in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of connectors as frequently as practicable during safe to monitor times, but not more frequently than the periodic schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.174(a). Subpart H. [40 CFR 63.174(f)(2)] Which Months: All Year Statistical Basis: None specified
1227	[40 CFR 63.174(g)]	Connectors in gas/vapor service or light liquid service (unsafe-to-repair): Determine that repair personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.174(d). Comply with this requirement instead of the requirements in 40 CFR 63.174(a), (d), and (e). Subpart H. [40 CFR 63.174(g)]
1228	[40 CFR 63.174(h)(2)]	Connectors in gas/vapor service or light liquid service (inaccessible, ceramic, or ceramic-lined): Make a first attempt at repair within 5 days after leak is detected by visual, audible, olfactory or other means, and complete repairs no later than 15 calendar days after leak is detected, except as provided in 40 CFR 63.171 and 63.174(g). Comply with this requirement instead of the monitoring requirements of 40 CFR 63.174(a) and (c) and from the recordkeeping and reporting requirements of 40 CFR 63.181 and 63.182. Subpart H. [40 CFR 63.174(h)(2)]
1229	[40 CFR 63.174(i)]	Connectors in gas/vapor service or light liquid service: Calculate percent leaking connectors as specified in 40 CFR 63.174(i)(1) and (i)(2). Subpart H. [40 CFR 63.174(i)]
1230	[40 CFR 63.180]	Comply with the test methods and procedures requirements provided in 40 CFR 63.180. Subpart H.

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1231	[40 CFR 63.181]	Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain records as specified in 40 CFR 63.181(a) through (k). Subpart H.
1232	[40 CFR 63.182(b)]	Submit Initial Notification: Due within 120 days after the date of promulgation of the subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(b)(1). Subpart H. [40 CFR 63.182(b)]
1233	[40 CFR 63.182(c)]	Submit Notification of Compliance Status: Due within 90 days of the compliance dates specified in the 40 CFR 63 subpart that references 40 CFR 63 Subpart H. Include the information specified in 40 CFR 63.182(c)(1) through (c)(3). Subpart H. [40 CFR 63.182(c)]
1234	[40 CFR 63.182(d)]	Submit Periodic Reports: Due semiannually starting 6 months after the Notification of Compliance Status, as required in 40 CFR 63.182(c). Include the information specified in 40 CFR 63.182(d)(2) through (d)(4). Subpart H. [40 CFR 63.182(d)]
1235	[40 CFR 63.9000(a)]	Prepare and operate at all times according to an equipment LDAR plan that describes in detail the measure that will be put in place to detect leaks and repair them in a timely fashion. Submit the plan to DEQ for comment only with the Notification of Compliance Status. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9000(a)]
1236	[40 CFR 63.9040(a)]	Demonstrate continuous compliance with 40 CFR 63 Subpart NNNNN, Table 1 and Table 2, as applicable, according to 40 CFR 63 Subpart NNNNN, Table 4 and Table 5. (Applies only to specific components in HCl service as defined by the rule.) Subpart NNNNN. [40 CFR 63.9040(a)]
1237	[LAC 33:III.2122.A]	Comply with 40 CFR 63 Subpart H (HON), LAC 33:III.2122, and LAC 33:III.5109 (Louisiana Non-HON MACT) by implementing the Louisiana Consolidated Fugitive Emission Program Guidelines. Compliance is achieved through compliance with 40 CFR 63 Subpart H (HON). [LAC 33:III.2122.A, 40 CFR 63.160, LAC 33:III.501, LAC 33:III.5109]
1238	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 1.65 tons/yr Alternate Operating Scenario (SCN0007): Emissions are from the production of G-11/12 in the Omni Unit only. Which Months: All Year Statistical Basis: Annual maximum
1239	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.38 lb/hr Alternate Operating Scenario (SCN0007): Emissions are from the production of G-11/12 in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly maximum
1240	[LAC 33:III.501.C.6]	Hydrogen fluoride <= 0.38 lb/hr Alternate Operating Scenario (SCN0007): Emissions are from the production of G-11/12 in the Omni Unit only. Which Months: All Year Statistical Basis: Hourly average
1241	[LAC 33:III.5109.A]	Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ. Compliance with the requirements of 40 CFR 63 Subpart H (HON) in accordance with the streamlined fugiitive emissions monitoring program and with the requirements of 40 CFR 63 Subpart NNNNN for specific components in HCl service is determined as MACT.

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1242	[40 CFR 63.162(c)]	Identify each piece of equipment in a process unit such that it can be distinguished readily from equipment that is not subject to 40 CFR 63 Subpart H. Subpart H. [40 CFR 63.162(c)]

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1243	[40 CFR 63.162(f)]	Clearly identify leaking equipment, for leaking equipment detected as specified in 40 CFR 63.163, 40 CFR 63.164, 40 CFR 63.168, 40 CFR 63.169, and 40 CFR 63.172 through 63.174. The identification may be removed after the equipment is repaired, except for valves or for connectors subject to 40 CFR 63.174(c)(1)(i). The identification on a valve may be removed after it has been monitored as specified in 40 CFR 63.168(f)(3) and 63.175(e)(i)(D), and no leak has been detected during the follow-up monitoring. If electing to comply using the provisions of 40 CFR 63.174(c)(1)(i), the identification on a connector may be removed after it is monitored as specified in 40 CFR 63.174(c)(1)(i) and no leak is detected during that monitoring. Subpart H. [40 CFR 63.162(f)]
1244	[40 CFR 63.163(b)(1)]	Pumps in light liquid service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly to detect leaks, except as provided in 40 CFR 63.162(b) and 63.163(e) through (j). If a reading of 10,000 ppm (phase I); 5,000 ppm (phase II); or 5,000 ppm (phase III, pumps handling polymerizing monomers), 2,000 ppm (phase III, pumps in food/medical service), or 1,000 ppm (phase III, all other pumps) or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(1)] Which Months: All Year Statistical Basis: None specified
1245	[40 CFR 63.163(b)(3)]	Pumps in light liquid service: Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquids dripping from the pump seal, a leak is detected. If a leak is detected, initiate the repair provisions specified in 40 CFR 63.163(c). Subpart H. [40 CFR 63.163(b)(3)] Which Months: All Year Statistical Basis: None specified
1246	[40 CFR 63.163(c)]	Pumps in light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.163(c)(3) and 40 CFR 63.171. Subpart H. [40 CFR 63.163(c)]
1247	[40 CFR 63.163(d)(2)]	Pumps in light liquid service: Implement a quality improvement program for pumps that complies with the requirements of 40 CFR 63.176, if, in Phase III, calculated on a 6-month rolling average, the greater of either 10 percent of the pumps in a process unit or three pumps in a process unit leak. Subpart H. [40 CFR 63.163(d)(2)]
1248	[40 CFR 63.163(d)(4)]	Pumps in light liquid service: Determine percent leaking pumps using the equation in 40 CFR 63.163(d)(4). Subpart H. [40 CFR 63.163(d)(4)]
1249	[40 CFR 63.163(e)(1)]	Pumps in light liquid service (dual mechanical seal system): Operate with the barrier fluid at a pressure that is at all times greater than the pump stuffing box pressure; or equip with a barrier fluid degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid into a process stream. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(1)]
1250	[40 CFR 63.163(e)(2)]	Pumps in light liquid service (dual mechanical seal system): Ensure that the barrier fluid is not in light liquid service. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(2)]
1251	[40 CFR 63.163(e)(3)]	Pumps in light liquid service (dual mechanical seal system): Equip barrier fluid system with a sensor that will detect failure of the seal system, barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(3)]

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1252	[40 CFR 63.163(e)(4)]	Pumps in light liquid service (dual mechanical seal system): Presence of a leak monitored by visual inspection/determination weekly (calendar). Monitor for indications of liquids dripping from the pump seal. If there are indications of liquid dripping from the pump seal at the time of the weekly inspection, monitor the pump as specified in 40 CFR 63.180(b) to determine if there is a leak of organic HAP in the barrier fluid. If an instrument reading of 1,000 ppm or greater is measured, a leak is detected. If a leak is detected, initiate the repair provisions in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(4)] Which Months: All Year Statistical Basis: None specified
1253	[40 CFR 63.163(e)(6)(i)]	Pumps in light liquid service (dual mechanical seal system): Determine, based on design considerations and operating experience, criteria that indicates failure of the seal system, the barrier fluid system, or both. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)(i)]
1254	[40 CFR 63.163(e)(6)]	Pumps in light liquid service (dual mechanical seal system): Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)(6)]
1255	[40 CFR 63.163(e)]	Pumps in light liquid service (dual mechanical seal system - sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an audible alarm unless the pump is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criteria established in 40 CFR 63.163(e)(6), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.163(e)(6). Comply with this requirement instead of the requirements in 40 CFR 63.163(a) through (d). Subpart H. [40 CFR 63.163(e)] Which Months: All Year Statistical Basis: None specified
1256	[40 CFR 63.163(j)(1)]	Pumps in light liquid service (unsafe-to-monitor): Determine that the pump is unsafe-to-monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.163(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(1)]
1257	[40 CFR 63.163(j)(2)]	Pumps in light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the pump as frequently as practicable during safe-to-monitor times but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.163(b) through (e). Subpart H. [40 CFR 63.163(j)(2)] Which Months: All Year Statistical Basis: None specified
1258	[40 CFR 63.164(a)]	Compressors: Equip with a seal system that includes a barrier fluid system and that prevents leakage of process fluid to the atmosphere, except as provided in 40 CFR 63.162(b) and 40 CFR 63.164(h) and (i). Subpart H. [40 CFR 63.164(a)]
1259	[40 CFR 63.164(b)]	Compressors: Operate the seal system with the barrier fluid at a pressure that is greater than the compressor stuffing box pressure; or equip with a barrier fluid system degassing reservoir that is routed to a process or fuel gas system or connected by a closed-vent system to a control device that complies with the requirements of 40 CFR 63.172; or equip with a closed-loop system that purges the barrier fluid directly into a process stream. Subpart H. [40 CFR 63.164(b)]
1260	[40 CFR 63.164(c)]	Compressors: Ensure that the barrier fluid is not in light liquid service. Subpart H. [40 CFR 63.164(c)]
1261	[40 CFR 63.164(d)]	Compressors: Equip each barrier fluid system as described in 40 CFR 63.164(a) through (c) with a sensor that will detect failure of the seal system, barrier fluid system, or both. Subpart H. [40 CFR 63.164(d)]

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1262	[40 CFR 63.164(e)(2)]	Compressors (sensor): Determine, based on design considerations and operating experience, a criterion that indicates failure of the seal system, the barrier fluid system, or both. Subpart H. [40 CFR 63.164(e)(2)]
1263	[40 CFR 63.164(g)]	Compressors: Make a first attempt at repair no later than 5 calendar days after each leak is detected, and complete repairs no later than 15 calendar days after each leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.164(g)]
1264	[40 CFR 63.164(i)(2)]	Compressors (no detectable emissions): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually, and at other times requested by DEQ. Comply with this requirement instead of the requirements in 40 CFR 63.164(a) through (h). Subpart H. [40 CFR 63.164(i)(2)] Which Months: All Year Statistical Basis: None specified
1265	[40 CFR 63.164]	Compressors (sensor): Equipment/operational data monitored by visual inspection/determination daily, or equip with an alarm, unless the compressor is located within the boundary of an unmanned plant site. If the sensor indicates failure of the seal system, the barrier fluid system, or both based on the criterion determined under 40 CFR 63.164(e)(2), a leak is detected. If a leak is detected, initiate repair provisions specified in 40 CFR 63.164(g). Subpart H. Which Months: All Year Statistical Basis: None specified
1266	[40 CFR 63.165(a)]	Pressure relief device in gas/vapor service: Organic HAP < 500 ppm above background except during pressure releases, as determined by the method specified in 63.180(c). Subpart H. [40 CFR 63.165(a)] Which Months: All Year Statistical Basis: None specified
1267	[40 CFR 63.165(b)(1)]	Pressure relief devices in gas/vapor service: After each pressure release, return to a condition indicated by an instrument reading of less than 500 ppm above background, as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.165(b)(1)]
1268	[40 CFR 63.165(b)(2)]	Pressure relief devices in gas/vapor service: Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 within 5 days (calendar) after the pressure release and being returned to organic HAP service, to confirm the condition indicated by an instrument reading of less than 500 ppm above background, as measured by the method specified in 40 CFR 63.180(c). Subpart H. [40 CFR 63.165(b)(2)] Which Months: All Year Statistical Basis: None specified
1269	[40 CFR 63.165(d)(2)]	Pressure relief devices in gas/vapor service (rupture disk): After each pressure release, install a new rupture disk upstream of the pressure relief device as soon as practicable, but no later than 5 calendar days after each pressure release, except as provided in 40 CFR 63.171. Comply with this requirement instead of the requirements in 40 CFR 63.165(a) and (b). Subpart H. [40 CFR 63.165(d)(2)]
1270	[40 CFR 63.166]	Sampling connection systems: Equip with a closed-purge, closed-loop, or closed-vent system, except as provided in 40 CFR 63.162(b). Operate the system as specified in 40 CFR 63.166(b). Subpart H.
1271	[40 CFR 63.167]	Open-ended valves or lines: Equip with a cap, blind flange, plug, or a second valve, except as provided in 40 CFR 63.162(b) and 40 CFR 63.167(d) and (e). Ensure that the cap, blind flange, plug or second valve seals the open end at all times except during operations requiring process fluid flow through the open-ended valve or line, or during maintenance or repair. Operate each open-ended valve or line equipped with a second valve in a manner such that the valve on the process fluid end is closed before the second valve is closed. Subpart H.

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1272	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase II): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
1273	[40 CFR 63.168(c)]	Valves in gas/vapor service or light liquid service (Phase I): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 10,000 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Subpart H. [40 CFR 63.168(c)] Which Months: All Year Statistical Basis: None specified
1274	[40 CFR 63.168(d)(1)]	Valves in gas/vapor service or light liquid service (Phase III, 2 percent or greater leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 monthly, as specified in 40 CFR 63.180(b); or implement a quality improvement program for valves that complies with the requirements of 40 CFR 63.175 and monitor quarterly. If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). If electing to implement a quality improvement program, follow the procedures in 40 CFR 63.175. Subpart H. [40 CFR 63.168(d)(1)] Which Months: All Year Statistical Basis: None specified
1275	[40 CFR 63.168(d)(2)]	Valves in gas/vapor service or light liquid service (Phase III, less than 2 percent leaking valves): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 quarterly, as specified in 40 CFR 63.180(b). If an instrument reading of 500 ppm or greater is recorded, a leak is detected. If a leak is detected, initiate repair provisions in 40 CFR 63.168(f). Permittee may elect to comply with the alternate standards in 40 CFR 63.168(d)(3) and (d)(4). Subpart H. [40 CFR 63.168(d)(2)] Which Months: All Year Statistical Basis: None specified
1276	[40 CFR 63.168(e)(1)]	Valves in gas/vapor service or light liquid service: Determine percent leaking valves using the equation in 40 CFR 63.168(e)(1). Subpart H. [40 CFR 63.168(e)(1)]
1277	[40 CFR 63.168(f)(3)]	Valves in gas/vapor service or light liquid service (after leak repair): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 once within three months (at least) after repair to determine whether the valve has resumed leaking. Subpart H. [40 CFR 63.168(f)(3)] Which Months: All Year Statistical Basis: None specified
1278	[40 CFR 63.168(f)]	Valves in gas/vapor service or light liquid service: Make a first attempt at repair no later than 5 calendar days after a leak is detected, and complete repairs no later than 15 calendar days after the leak is detected, except as provided in 40 CFR 63.171. Subpart H. [40 CFR 63.168(f)]
1279	[40 CFR 63.168(h)(1)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Determine that the valve is unsafe to monitor because monitoring personnel would be exposed to an immediate danger as a consequence of complying with 40 CFR 63.168(b) through (d). Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(1)]
1280	[40 CFR 63.168(h)(2)]	Valves in gas/vapor service or light liquid service (unsafe-to-monitor): Organic HAP monitored by 40 CFR 60, Appendix A, Method 21 at the regulation's specified frequency. Maintain a written plan that requires monitoring of the valves as frequently as practicable during safe-to-monitor times, but not more frequently than the periodic monitoring schedule otherwise applicable. Comply with this requirement instead of the requirements in 40 CFR 63.168(b) through (f). Subpart H. [40 CFR 63.168(h)(2)] Which Months: All Year Statistical Basis: None specified