**Subpart A—General Provisions**

**§ 63.9 Notification requirements.**

(b) *Initial notifications.*

(1)

(i) The requirements of this paragraph apply to the owner or operator of an affected source when such source becomes subject to a relevant standard.

(ii) If an area source subsequently becomes a major source that is subject to the emission standard or other requirement, such source shall be subject to the notification requirements of this section. Area sources previously subject to major source requirements that become major sources again are also subject to the notification requirements of this paragraph and must submit the notification according to the requirements of [paragraph (k)](https://www.ecfr.gov/current/title-40/section-63.9#p-63.9(k)) of this section.

(iii) Affected sources that are required under this paragraph to submit an initial notification may use the application for approval of construction or reconstruction under [§ 63.5(d) of this subpart](https://www.ecfr.gov/current/title-40/part-63/section-63.5#p-63.5(d)), if relevant, to fulfill the initial notification requirements of this paragraph.

(2) The owner or operator of an affected source that has an initial startup before the effective date of a relevant standard under this part shall notify the Administrator in writing that the source is subject to the relevant standard. The notification, which shall be submitted not later than 120 calendar days after the effective date of the relevant standard (or within 120 calendar days after the source becomes subject to the relevant standard), shall provide the following information:

(i) The name and address of the owner or operator;

(ii) The address (i.e., physical location) of the affected source;

(iii) An identification of the relevant standard, or other requirement, that is the basis of the notification and the source's compliance date;

(iv) A brief description of the nature, size, design, and method of operation of the source and an identification of the types of emission points within the affected source subject to the relevant standard and types of hazardous air pollutants emitted; and

(v) A statement of whether the affected source is a major source or an area source.

(3) [Reserved]

(4) The owner or operator of a new or reconstructed major affected source for which an application for approval of construction or reconstruction is required under [§ 63.5(d)](https://www.ecfr.gov/current/title-40/section-63.5#p-63.5(d)) must provide the following information in writing to the Administrator:

(i) A notification of intention to construct a new major-emitting affected source, reconstruct a major-emitting affected source, or reconstruct a major source such that the source becomes a major-emitting affected source with the application for approval of construction or reconstruction as specified in [§ 63.5(d)(1)(i)](https://www.ecfr.gov/current/title-40/section-63.5#p-63.5(d)(1)(i)); and

(ii)-(iv) [Reserved]

(v) A notification of the actual date of startup of the source, delivered or postmarked within 15 calendar days after that date.

(5) The owner or operator of a new or reconstructed affected source for which an application for approval of construction or reconstruction is not required under [§ 63.5(d)](https://www.ecfr.gov/current/title-40/section-63.5#p-63.5(d)) must provide the following information in writing to the Administrator:

(i) A notification of intention to construct a new affected source, reconstruct an affected source, or reconstruct a source such that the source becomes an affected source, and

(ii) A notification of the actual date of startup of the source, delivered or postmarked within 15 calendar days after that date.

(iii) Unless the owner or operator has requested and received prior permission from the Administrator to submit less than the information in [§ 63.5(d)](https://www.ecfr.gov/current/title-40/section-63.5#p-63.5(d)), the notification must include the information required on the application for approval of construction or reconstruction as specified in [§ 63.5(d)(1)(i)](https://www.ecfr.gov/current/title-40/section-63.5#p-63.5(d)(1)(i)).

(j) *Change in information already provided.* Any change in the information already provided under this section shall be provided to the Administrator within 15 calendar days after the change. The owner or operator of a major source that reclassifies to area source status is also subject to the notification requirements of this paragraph. The owner or operator may submit the application for reclassification with the regulatory authority (*e.g.,* permit application) according to [paragraph (k)](https://www.ecfr.gov/current/title-40/section-63.9#p-63.9(k)) of this section to fulfill the requirements of this paragraph, but the information required in [paragraphs (j)(1)](https://www.ecfr.gov/current/title-40/section-63.9#p-63.9(j)(1)) through [(4)](https://www.ecfr.gov/current/title-40/section-63.9#p-63.9(j)(4)) of this section must be included. A source which reclassified after January 25, 2018, and before January 19, 2021, and has not yet provided the notification of a change in information is required to provide such notification no later than February 2, 2021, according to the requirements of [paragraph (k)](https://www.ecfr.gov/current/title-40/section-63.9#p-63.9(k)) of this section. Beginning January 19, 2021, the owner or operator of a major source that reclassifies to area source status must submit the notification according to the requirements of [paragraph (k)](https://www.ecfr.gov/current/title-40/section-63.9#p-63.9(k)) of this section. A notification of reclassification must contain the following information:

(1) The name and address of the owner or operator;

(2) The address (*i.e.,* physical location) of the affected source;

(3) An identification of the standard being reclassified from and to (if applicable); and

(4) Date of effectiveness of the reclassification.

**Subpart SS—National Emission Standards for Closed Vent Systems, Control Devices, Recovery Devices and Routing to a Fuel Gas System or a Process**

§ 63.999 Notifications and other reports.

(a) *Performance test and flare compliance assessment notifications and reports* —

(1) *General requirements.* General requirements for performance test and flare compliance assessment notifications and reports are specified in [paragraphs (a)(1)(i)](https://www.ecfr.gov/current/title-40/section-63.999#p-63.999(a)(1)(i)) through [(iii)](https://www.ecfr.gov/current/title-40/section-63.999#p-63.999(a)(1)(iii)) of this section.

(i) The owner or operator shall notify the Administrator of the intention to conduct a performance test or flare compliance assessment at least 30 days before such a compliance demonstration is scheduled to allow the Administrator the opportunity to have an observer present. 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, the owner or operator of an affected facility shall notify the Administrator as soon as possible of any delay in the original demonstration date. The owner or operator shall provide at least 7 days prior notice of the rescheduled date of the compliance demonstration, or arrange a rescheduled date with the Administrator by mutual agreement.

(ii) Unless specified differently in this subpart or a referencing subpart, performance test and flare compliance assessment reports, not submitted as part of a Notification of Compliance Status report, shall be submitted to the Administrator within 60 days of completing the test or determination.

(iii) Any application for a waiver of an initial performance test or flare compliance assessment, as allowed by [§ 63.997(b)(2)](https://www.ecfr.gov/current/title-40/section-63.997#p-63.997(b)(2)), shall be submitted no later than 90 days before the performance test or compliance assessment is required. The application for a waiver shall include information justifying the owner or operator's request for a waiver, such as the technical or economic infeasibility, or the impracticality, of the source performing the test.

(iv) Any application to substitute a prior performance test or compliance assessment for an initial performance test or compliance assessment, as allowed by [§ 63.997(b)(1)](https://www.ecfr.gov/current/title-40/section-63.997#p-63.997(b)(1)), shall be submitted no later than 90 days before the performance test or compliance test is required. The application for substitution shall include information demonstrating that the prior performance test or compliance assessment was conducted using the same methods specified in [§ 63.997(e)](https://www.ecfr.gov/current/title-40/section-63.997#p-63.997(e)) or [§ 63.987(b)(3)](https://www.ecfr.gov/current/title-40/section-63.987#p-63.987(b)(3)), as applicable. The application shall 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 YY—National Emission Standards for Hazardous Air Pollutants for Source Categories: Generic Maximum Achievable Control Technology Standards**

§ 63.1103 Source category-specific applicability, definitions, and requirements.

(f) ***Carbon black production applicability, definitions, and requirements*** —

(3) ***Requirements.***

(iii) The boiler and process heater tune up requirements of [paragraphs (f)(3)(iii)(A)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)(3)(iii)(A)) through [(F)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)(3)(iii)(F)) of this section apply beginning no later than the compliance dates specified in [§ 63.1102(e)](https://www.ecfr.gov/current/title-40/section-63.1102#p-63.1102(e)) for carbon black production affected sources and as specified in Table 8 to [§ 63.1103(f)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)), line entry (c).

(F) Maintain on-site and submit, if requested by the Administrator, a report containing the information in [paragraphs (f)(3)(iii)(F)(*1*)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)(3)(iii)(F)(1)) through [(*3*)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)(3)(iii)(F)(3)) of this section,

(*1*) The concentrations of CO in the effluent stream in parts per million by volume, and oxygen in volume percent, measured at high fire or typical operating load, before and after the tune-up of the boiler or process heater;

(*2*) A description of any corrective actions taken as a part of the tune-up; and

(*3*) The type and amount of fuel used over the 12 months prior to the tune-up, but only if the unit was physically and legally capable of using more than one type of fuel during that period. Units sharing a fuel meter may estimate the fuel used by each unit.

(iv) When determining the applicability of the carbon black production process vent requirements specified in line entry (b) to Table 8 to [§ 63.1103(f)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)), an owner or operator is required to determine the HAP concentration of the process vent streams, at a minimum, as specified in [paragraphs (f)(3)(iv)(A)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)(3)(iv)(A)) through [(D)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)(3)(iv)(D)) of this section.

(A) As an alternative to testing all carbon black production process carbon black or product vent streams after the main unit filter to determine applicability, an owner or operator has the option of testing the first carbon black production process or product vent stream after the main unit filter. If the concentration of the emission stream is less than 260 parts per million by volume as determined by the process vent applicability determination requirements specified in [§ 63.1103(f)(3)(iv)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)(3)(iv)), then all process vents after the main unit filter and before the dryer are deemed to be in compliance and are not subject to the emission limits in Table 8 below.

(B) As an alternative to testing all carbon black production process carbon black or product vent streams after the dryer to determine applicability, an owner or operator has the option of testing the first carbon black production process carbon black or product vent stream after the dryer. If the concentration of the emission stream is less than 260 parts per million by volume as determined by the process vent applicability determination requirements specified in [§ 63.1103(f)(3)(iv)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(f)(3)(iv)), then all process vents after the dryer are deemed to be in compliance and are not subject to the emission limits in Table 8 below.

(C) Report the results of the applicability assessment according to paragraph [§ 63.1110(a)(10)(i)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(10)(i)).

(D) A test meeting the requirements of [§ 63.1104(e)](https://www.ecfr.gov/current/title-40/section-63.1104#p-63.1104(e)) conducted after November 18, 2016 and where no process changes have occurred since the test that may affect emissions, may be submitted according to [§ 63.1110(a)(10)(i)(A)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(10)(i)(A)) through [(C)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(10)(i)(C)) in lieu of performing a new applicability determination.

§ 63.1109 Recordkeeping requirements.

(a) ***Maintaining notifications, records, and reports.*** Except as provided in [paragraph (b)](https://www.ecfr.gov/current/title-40/section-63.1109#p-63.1109(b)) of this section, the owner or operator of each affected source subject to this subpart shall keep copies of notifications, reports and records required by this subpart and subparts referenced by this subpart for at least 5 years, unless otherwise specified under this subpart.

(d) ***Control applicability records.*** Owners or operators shall maintain records containing information developed and used to assess control applicability under [§ 63.1103](https://www.ecfr.gov/current/title-40/section-63.1103) (e.g., combined total annual emissions of regulated organic HAP).

§ 63.1110 Reporting requirements.

(a) ***Required reports.*** Each owner or operator of an affected source subject to this subpart shall submit the reports listed in [paragraphs (a)(1)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(1)) through [(8)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(8)) of this section, as applicable. Each owner or operator of an acrylic and modacrylic fiber production affected source or polycarbonate production affected source subject to this subpart shall also submit the reports listed in [paragraph (a)(9)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(9)) of this section in addition to the reports listed in [paragraphs (a)(1)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(1)) through [(8)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(8)) of this section, as applicable. Beginning no later than the compliance dates specified in [§ 63.1102(c)](https://www.ecfr.gov/current/title-40/section-63.1102#p-63.1102(c)) for ethylene production affected sources, specified in [§ 63.1102(d)](https://www.ecfr.gov/current/title-40/section-63.1102#p-63.1102(d)) for cyanide chemicals manufacturing affected sources, and specified in [§ 63.1102(e)](https://www.ecfr.gov/current/title-40/section-63.1102#p-63.1102(e)) for carbon black production affected sources, each owner or operator of an ethylene production affected source, cyanide chemicals manufacturing affected source, and carbon black production affected source subject to this subpart shall also submit the reports listed in [paragraph (a)(10)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(10)) of this section in addition to the reports listed in [paragraphs (a)(1)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(1)) through [(8)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(8)) of this section, as applicable.

(9) Within 60 days after the date of completing each performance test (as defined in [§ 63.2](https://www.ecfr.gov/current/title-40/section-63.2)), the owner or operator must submit the results of the performance tests, including any associated fuel analyses, required by this subpart according to the methods specified in [paragraph (a)(9)(i)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(9)(i)) or [(ii)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(a)(9)(ii)) of this section.

(i) For data collected using test methods supported by the EPA-provided software, the owner or operator shall submit the results of the performance test to the EPA by direct computer-to-computer electronic transfer via EPA-provided software, unless otherwise approved by the Administrator. Owners or operators, who claim that some of the information being submitted for performance tests is confidential business information (CBI), must submit a complete file using EPA-provided software that includes information claimed to be CBI on a compact disc, flash drive, or other commonly used electronic storage media to the EPA. The electronic media must be clearly marked as CBI and mailed to U.S. EPA/OAPQS/CORE CBI Office, Attention: WebFIRE Administrator, MD C404-02, 4930 Old Page Rd., Durham, NC 27703. The same file with the CBI omitted must be submitted to the EPA by direct computer-to-computer electronic transfer via EPA-provided software.

(ii) For any performance test conducted using test methods that are not compatible with the EPA-provided software, the owner or operator shall submit the results of the performance test to the Administrator at the appropriate address listed in [§ 60.4](https://www.ecfr.gov/current/title-40/section-60.4).

(d) ***Notification of Compliance Status*** —

(1) ***Contents.*** The owner or operator shall submit a Notification of Compliance Status for each affected source subject to this subpart containing the information specified in [paragraphs (d)(1)(i)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(i)) and [(ii)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(ii)) of this section. For pressure relief devices subject to the requirements of [§ 63.1107(e)(3)](https://www.ecfr.gov/current/title-40/section-63.1107#p-63.1107(e)(3)), the owner or operator of an acrylic and modacrylic fiber production affected source or polycarbonate production affected source shall also submit the information listed in [paragraph (d)(1)(iii)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(iii)) of this section in a supplement to the Notification of Compliance Status within 150 days after the first applicable compliance date for pressure relief device monitoring. For flares subject to the requirements of [§ 63.1103(e)(4)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(4)), the owner or operator of an ethylene production affected source shall also submit the information listed in [paragraph (d)(1)(iv)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(iv)) of this section in a supplement to the Notification of Compliance Status within 150 days after the first applicable compliance date for flare monitoring. For pressure relief devices subject to the pressure release management work practice standards in [§ 63.1107(h)(3)](https://www.ecfr.gov/current/title-40/section-63.1107#p-63.1107(h)(3)), the owner or operator of an ethylene production affected source shall also submit the information listed in [paragraph (d)(1)(v)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(v)) of this section in a supplement to the Notification of Compliance Status within 150 days after the first applicable compliance date for pressure relief device monitoring.

(i) Except as specified in [paragraphs (d)(1)(iv)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(iv)) and [(v)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(v)) of this section, the Notification of Compliance Status shall include the information specified in this subpart and the subparts referenced by this subpart. Alternatively, this information can be submitted as part of a title V permit application or amendment.

(ii) The Notification of Compliance Status shall include a statement from the owner or operator identifying which subpart he or she has elected to comply with, where given a choice, as provided for in [§ 63.1100(g)](https://www.ecfr.gov/current/title-40/section-63.1100#p-63.1100(g)).

(iii) For pressure relief devices in organic HAP service, a description of the device or monitoring system to be implemented, including the pressure relief devices and process parameters to be monitored (if applicable), and a description of the alarms or other methods by which operators will be notified of a pressure release.

(iv) For each flare subject to the requirements in [§ 63.1103(e)(4)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(4)), in lieu of the information required in [§ 63.987(b)](https://www.ecfr.gov/current/title-40/section-63.987#p-63.987(b)) of subpart SS, the Notification of Compliance Status shall include flare design (*e.g.,* steam-assisted, air-assisted, non-assisted, or pressure-assisted multi-point); all visible emission readings, heat content determinations, flow rate measurements, and exit velocity determinations made during the initial visible emissions demonstration required by [§ 63.670(h)](https://www.ecfr.gov/current/title-40/section-63.670#p-63.670(h)) of subpart CC, as applicable; and all periods during the compliance determination when the pilot flame or flare flame is absent.

(v) For pressure relief devices subject to the requirements of [§ 63.1107(h)](https://www.ecfr.gov/current/title-40/section-63.1107#p-63.1107(h)), the Notification of Compliance Status shall include the information specified in [paragraphs (d)(1)(v)(A)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(v)(A)) and [(B)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(d)(1)(v)(B)) of this section.

(A) A description of the monitoring system to be implemented, including the relief devices and process parameters to be monitored, and a description of the alarms or other methods by which operators will be notified of a pressure release.

(B) A description of the prevention measures to be implemented for each affected pressure relief device.

(2) ***Due date.*** The owner or operator shall submit the Notification of Compliance Status for each affected source 240 days after the compliance date specified for the affected source under this subpart, or 60 days after completion of the initial performance test or initial compliance assessment/subsequent required performance test or subsequent compliance assessment, whichever is earlier. Notification of Compliance Status reports may be combined for multiple affected sources as long as the due date requirements for all sources covered in the combined report are met.

(e) ***Periodic reports.*** The owner or operator of an affected source subject to monitoring requirements of this subpart, or to other requirements of this subpart or subparts referenced by this subpart, where periodic reporting is specified, shall submit a Periodic Report.

(1) ***Contents.*** Except as specified in [paragraphs (e)(4)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(4)) through [(8)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(8)) of this section, Periodic Reports shall include all information specified in this subpart and subparts referenced by this subpart.

(2) ***Due date.*** The Periodic Report shall be submitted no later than 60 days after the end of each 6-month period. The first report shall cover the 6-month period after the Notification of Compliance Status report is due. The first report shall be submitted no later than the last day of the month that includes the date 8 months (6 months and 60 days) after the Notification of Compliance Status report is due.

(3) ***Overlap with title V reports.*** Information required by this subpart, which is submitted with a title V periodic report, need not also be included in a subsequent Periodic Report required by this subpart or subpart referenced by this subpart. The title V report shall be referenced in the Periodic Report required by this subpart.

(4) ***Ethylene production flare reports.*** For each flare subject to the requirements in [§ 63.1103(e)(4)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(4)), the Periodic Report shall include the items specified in [paragraphs (e)(4)(i)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(4)(i)) through [(vi)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(4)(vi)) of this section in lieu of the information required in [§ 63.999(c)(3)](https://www.ecfr.gov/current/title-40/section-63.999#p-63.999(c)(3)) of subpart SS.

(i) Records as specified in [§ 63.1109(e)(1)](https://www.ecfr.gov/current/title-40/section-63.1109#p-63.1109(e)(1)) for each 15-minute block during which there was at least one minute when regulated material is routed to a flare and no pilot flame or flare flame is present. Include the start and stop time and date of each 15-minute block.

(ii) Visible emission records as specified in [§ 63.1109(e)(2)(iv)](https://www.ecfr.gov/current/title-40/section-63.1109#p-63.1109(e)(2)(iv)) for each period of 2 consecutive hours during which visible emissions exceeded a total of 5 minutes.

(iii) The periods specified in [§ 63.1109(e)(6)](https://www.ecfr.gov/current/title-40/section-63.1109#p-63.1109(e)(6)). Indicate the date and start time for the period, and the net heating value operating parameter(s) determined following the methods in [§ 63.670(k)](https://www.ecfr.gov/current/title-40/section-63.670#p-63.670(k)) through [(n)](https://www.ecfr.gov/current/title-40/section-63.670#p-63.670(n)) of subpart CC as applicable.

(iv) For flaring events meeting the criteria in [§ 63.670(o)(3)](https://www.ecfr.gov/current/title-40/section-63.670#p-63.670(o)(3)) of subpart CC and [§ 63.1103(e)(4)(iv)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(4)(iv)):

(A) Flare identification name or number and the start and stop time and date of the flaring event.

(B) The length of time (in minutes) that emissions were visible from the flare during the event.

(C) Results of the root cause and corrective actions analysis completed during the reporting period, including the corrective actions implemented during the reporting period and, if applicable, the implementation schedule for planned corrective actions to be implemented subsequent to the reporting period.

(v) For pressure-assisted multi-point flares, the periods of time when the pressure monitor(s) on the main flare header show the burners operating outside the range of the manufacturer's specifications.

(vi) For pressure-assisted multi-point flares, the periods of time when the staging valve position indicator monitoring system indicates a stage should not be in operation and is or when a stage should be in operation and is not.

(5) ***Ethylene production maintenance vent reports.*** For maintenance vents subject to the requirements [§ 63.1103(e)(5)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(5)), Periodic Reports must include the information specified in [paragraphs (e)(5)(i)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(5)(i)) through [(iv)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(5)(iv)) of this section for any release exceeding the applicable limits in [§ 63.1103(e)(5)(i)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(5)(i)). For the purposes of this reporting requirement, owners or operators complying with [§ 63.1103(e)(5)(i)(D)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(5)(i)(D)) must report each venting event conducted under those provisions and include an explanation for each event as to why utilization of this alternative was required.

(i) Identification of the maintenance vent and the equipment served by the maintenance vent.

(ii) The date and time the maintenance vent was opened to the atmosphere.

(iii) The LEL, vessel pressure, or mass of VOC in the equipment, as applicable, at the start of atmospheric venting. If the 5 psig vessel pressure option in [§ 63.1103(e)(5)(i)(B)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(5)(i)(B)) was used and active purging was initiated while the concentration of the vapor was 10 percent or greater of its LEL, also include the concentration of the vapors at the time active purging was initiated.

(iv) An estimate of the mass of organic HAP released during the entire atmospheric venting event.

(6) ***Bypass line reports.*** For bypass lines subject to the requirements in [§ 63.1103(e)(6)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(6)), Periodic Reports must include the date, time, duration, estimate of the volume of gas, the concentration of organic HAP in the gas and the resulting mass emissions of organic HAP that bypass a control device. For periods when the flow indicator is not operating, report the date, time, and duration.

(7) ***Decoking operation reports.*** For decoking operations of an ethylene cracking furnace subject to the requirements in [§ 63.1103(e)(7)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(7)) and [(8)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(8)), Periodic Reports must include the information specified in [paragraphs (e)(7)(i)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(7)(i)) through [(iii)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(7)(iii)) of this section.

(i) For each control measure selected to minimize coke combustion emissions as specified in [§ 63.1103(e)(7)(ii)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(7)(ii)) through [(v)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(7)(v)), report instances where the control measures were not followed.

(ii) Report instances where an isolation valve inspection was not conducted according to the procedures specified in [§ 63.1103(e)(8)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(8)).

(iii) For instances where repair was delayed beyond 1 calendar day as specified in [§ 63.1103(e)(7)(i)](https://www.ecfr.gov/current/title-40/section-63.1103#p-63.1103(e)(7)(i)), report the information specified in [§ 63.1109(h)(1)](https://www.ecfr.gov/current/title-40/section-63.1109#p-63.1109(h)(1)).

(8) ***Ethylene production pressure relief devices reports.*** For pressure relief devices subject to the requirements of [§ 63.1107(h)](https://www.ecfr.gov/current/title-40/section-63.1107#p-63.1107(h)), Periodic Reports must include the information specified in [paragraphs (e)(8)(i)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(8)(i)) through [(iii)](https://www.ecfr.gov/current/title-40/section-63.1110#p-63.1110(e)(8)(iii)) of this section.

(i) For pressure relief devices in organic HAP gas or vapor service, pursuant to [§ 63.1107(h)(1)](https://www.ecfr.gov/current/title-40/section-63.1107#p-63.1107(h)(1)), report any instrument reading of 500 ppm or greater.

(ii) For pressure relief devices in organic HAP gas or vapor service subject to [§ 63.1107(h)(2)](https://www.ecfr.gov/current/title-40/section-63.1107#p-63.1107(h)(2)), report confirmation that any monitoring required to be done during the reporting period to show compliance was conducted.

(iii) For pressure relief devices in organic HAP service subject to [§ 63.1107(h)(3)](https://www.ecfr.gov/current/title-40/section-63.1107#p-63.1107(h)(3)), report each pressure release to the atmosphere, including pressure relief device identification name or number; start date and start time and duration (in hours) of the pressure release; an estimate (in pounds) of the mass quantity of each organic HAP released; the results of any root cause analysis and corrective action analysis completed during the reporting period, including the corrective actions implemented during the reporting period; and, if applicable, the implementation schedule for planned corrective actions to be implemented subsequent to the reporting period.