

Pt. 63, Subpt. UUUU, Table 5

40 CFR Ch. I (7–1–14 Edition)

| For . . . | at . . . | you must . . . | using . . . | according to the following requirements . . . |
|------------------------|---|---|---|---|
| 9. any emission point. | a. each existing or new affected source using a CEMS to demonstrate compliance. | i. conduct a CEMS performance evaluation. | (1) applicable requirements in § 63.8 and applicable performance specification (PS–7, PS–8, PS–9, or PS–15) in appendix B to part 60 of this chapter. | (a) you must conduct the CEMS performance evaluation during the period of the initial compliance demonstration according to the applicable requirements in § 63.8 and the applicable performance specification (PS–7, PS–8, PS–9, or PS–15) of 40 CFR part 60, appendix B; (b) you must install, operate, and maintain the CEMS according to the applicable performance specification (PS–7, PS–8, PS–9, or PS–15) of 40 CFR part 60, appendix B; and (c) you must collect CEMS emissions data at the inlet and outlet of each control device during the period of the initial compliance demonstration and determine the CEMS operating limit during the period of the initial compliance demonstration. |

[79 FR 11284, Feb. 27, 2014]

TABLE 5 TO SUBPART UUUU OF PART 63—CONTINUOUS COMPLIANCE WITH EMISSION LIMITS AND WORK PRACTICE STANDARDS

As required in § 63.5555(a), you must demonstrate continuous compliance with the appropriate emission limits and work practice standards according to the requirements in the following table:

| For . . . | at . . . | for the following emission limit or work practice standard . . . | you must demonstrate continuous compliance by . . . |
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| 1. the sum of all viscose process vents. | a. each existing or new viscose process affected source. | i. reduce total uncontrolled sulfide emissions (reported as carbon disulfide) by at least the specified percentage based on a 6-month rolling average; ii. for each vent stream that you control using a control device (except for retractable hoods over sulfuric acid baths at a cellophane operation), route the vent stream through a closed-vent system to the control device; and iii. comply with the work practice standard for closed-vent systems (except for retractable hoods over sulfuric acid baths at a cellophane operation). | (1) maintaining a material balance that includes the pertinent data used to determine the percent reduction of total sulfide emissions; (2) documenting the percent reduction of total sulfide emissions using the pertinent data from the material balance; and (3) complying with the continuous compliance requirements for closed-vent systems. |
| 2. the sum of all solvent coating process vents. | a. each existing or new cellophane operation. | i. reduce uncontrolled toluene emissions by at least 95% based on a 6-month rolling average; ii. for each vent stream that you control using a control device, route the vent stream through a closed-vent system to the control device; and iii. comply with the work practice standard for closed-vent systems. | (1) maintaining a material balance that includes the pertinent data used to determine the percent reduction of toluene emissions; (2) documenting the percent reduction of toluene emissions using the pertinent data from the material balance; and (3) complying with the continuous compliance requirements for closed-vent systems. |
| 3. the sum of all cellulose ether process vents. | a. each existing or new cellulose ether operation using a performance test to demonstrate initial compliance; or. | i. reduce total uncontrolled organic HAP emissions by at least 99%; ii. for each vent stream that you control using a control device, route the vent stream through a closed-vent system to the control device; and iii. comply with the work practice standard for closed-vent systems; or. | (1) complying with the continuous compliance requirements for closed-vent systems; or (2) if using extended cookout to comply, monitoring reactor charges and keeping records to show that extended cookout was employed. |

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| For . . . | at . . . | for the following emission limit or work practice standard . . . | you must demonstrate continuous compliance by . . . |
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| | b. each existing or new cellulose ether operation using a material balance compliance demonstration to demonstrate initial compliance | i. reduce total uncontrolled organic HAP emissions by at least 99% based on a 6-month rolling average; ii. for each vent stream that you control using a control device, route the vent stream through a closed-vent system to control device; and iii. comply with the work practice standard for closed-vent systems. | (1) maintaining a material balance that includes the pertinent data used to determine the percent reduction of total organic HAP emissions; (2) documenting the percent reduction of total organic HAP emissions using the pertinent data from the material balance; (3) if using extended cookout to comply, monitoring reactor charges and keeping records to show that extended cookout was employed; (4) complying with the continuous compliance requirements for closed-vent systems. |
| 4. closed-loop systems. | each existing or new cellulose ether operation. | operate and maintain a closed-loop system. | keeping a record certifying that a closed-loop system is in use for cellulose ether operations. |
| 5. each carbon disulfide unloading and storage operation. | a. each existing or new viscose process affected source. | i. reduce uncontrolled carbon disulfide emissions by at least 83% based on a 6-month rolling average if you use an alternative control technique not listed in this table for carbon disulfide unloading and storage operations; if using a control device to reduce emissions, route emissions through a closed-vent system to the control device; and comply with the work practice standard for closed-vent systems; ii. reduce total uncontrolled sulfide emissions by at least 0.14% from viscose process vents based on a 6-month rolling average; for each vent stream that you control using a control device, route the vent stream through a closed-vent system to the control device; and comply with the work practice standard for closed-vent systems; iii. install a nitrogen unloading and storage system; or iv. install a nitrogen unloading system; reduce total uncontrolled sulfide emissions by at least 0.045% from viscose process vents based on a 6-month rolling average; for each vent stream that you control using a control device, route the vent stream through a closed-vent system to the control device; and comply with the work practice standard for closed-vent systems | (1) keeping a record documenting the 83% reduction in carbon disulfide emissions; and (2) if venting to a control device to reduce emissions, complying with the continuous compliance requirements for closed-vent systems; (1) maintaining a material balance that includes the pertinent data used to determine the percent reduction of total sulfide emissions; (2) documenting the percent reduction of total sulfide emissions using the pertinent data from the material balance; and (3) complying with the continuous compliance requirements for closed-vent systems; Keeping a record certifying that a nitrogen unloading and storage system is in use; or (1) keeping a record certifying that a nitrogen unloading system is in use; (2) maintaining a material balance that includes the pertinent data used to determine the percent reduction of total sulfide emissions; (3) documenting the percent reduction of total sulfide emissions using the pertinent data from the material balance; and (4) complying with the continuous compliance requirements for closed-vent systems. |
| 6. each toluene storage vessel. | a. each existing or new cellophane operation. | i. reduce uncontrolled toluene emissions by at least 95% based on a 6-month rolling average; ii. if using a control device to reduce emissions, route the emissions through a closed-vent system to the control device; and iii. comply with the work practice standard for closed-vent systems. | (1) maintaining a material balance that includes the pertinent data used to determine the percent reduction of toluene emissions; (2) documenting the percent reduction of toluene emissions using the pertinent data from the material balance; and (3) if venting to a control device to reduce emissions, complying with the continuous compliance requirements for closed-vent systems. |

| For . . . | at . . . | for the following emission limit or work practice standard . . . | you must demonstrate continuous compliance by . . . |
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| 7. equipment leaks .. | a. each existing or new cellulose ether operation. | i. applicable equipment leak standards of §§ 63.162 through 63.179; or ii. applicable equipment leak standards of §§ 63.1021 through 63.1037. | complying with the applicable equipment leak continuous compliance provisions of §§ 63.162 through 63.179; or complying with the applicable equipment leak continuous compliance provisions of §§ 63.1021 through 63.1037. |
| 8. all sources of wastewater emissions. | each existing or new cellulose ether operation. | applicable wastewater provisions of § 63.105 and §§ 63.132 through 63.140. | complying with the applicable wastewater continuous compliance provisions of §§ 63.105, 63.143, and 63.148. |
| 9. liquid streams in open systems. | each existing or new cellulose ether operation. | comply with the applicable provisions of § 63.149, except that references to "chemical manufacturing process unit" mean "cellulose ether process unit" for the purposes of this subpart. | conducting inspections, repairing failures, documenting delay of repair, and maintaining records of failures and corrective actions according to §§ 63.133 through 63.137. |
| 10. closed-vent system used to route emissions to a control device. | each existing or new affected source. | conduct annual inspections, repair leaks, maintain records as specified in § 63.148. | conducting the inspections, repairing leaks, and maintaining records according to § 63.148. |
| 11. closed-vent system containing a bypass line that could divert a vent stream away from a control device, except for equipment needed for safety purposes (described in § 63.148(f)(3)). | a. each existing or new affected source. | i. install, calibrate, maintain, and operate a flow indicator as specified in § 63.148(f)(1); or ii. secure the bypass line valve in the closed position with a car-seal or lock-and-key type configuration and inspect the seal or mechanism at least once per month as specified in § 63.148(f)(2). | (1) taking readings from the flow indicator at least once every 15 minutes; (2) maintaining hourly records of flow indicator operation and detection of any diversion during the hour, and (3) recording all periods when the vent stream is diverted from the control stream or the flow indicator is not operating; or (1) maintaining a record of the monthly visual inspection of the seal or closure mechanism for the bypass line; and (2) recording all periods when the seal mechanism is broken, the bypass line valve position has changed, or the key for a lock-and-key type lock has been checked out. |
| 12. heat exchanger system that cools process equipment or materials in the process unit. | a. each existing or new affected source. | i. monitor and repair the heat exchanger system according to § 63.104(a) through (e), except that references to "chemical manufacturing process unit" mean "cellulose food casing, rayon, cellulosic sponge, cellophane, or cellulose ether process unit" for the purposes of this subpart. | (1) monitoring for HAP compounds, other substances, or surrogate indicators at the frequency specified in § 63.104(b) or (c); (2) repairing leaks within the time period specified in § 63.104(d)(1); (3) confirming that the repair is successful as specified in § 63.104(d)(2); (4) following the procedures in § 63.104(e) if you implement delay of repair; and (5) recording the results of inspections and repair according to § 63.104(f)(1). |

[67 FR 40055, June 11, 2002, as amended at 70 FR 46698, Aug. 10, 2005]

TABLE 6 TO SUBPART UUUU OF PART 63—CONTINUOUS COMPLIANCE WITH OPERATING LIMITS

As required in § 63.5555(a), you must demonstrate continuous compliance with the appropriate operating limits according to the requirements in the following table: