

Environmental Protection Agency

Pt. 63, Subpt. JJJJJ, Table 7

If you have an applicable emission limit for . . .	And your operating limits are based on . . .	You must. . .	Using. . .	According to the following requirements
1. Particulate matter or mercury.	<p>a. Wet scrubber operating parameters.</p> <p>(b) Determine the average pressure drop and liquid flow-rate for each individual test run in the three-run performance stack test by computing the average of all the 15-minute readings taken during each test run.</p> <p>b. Electrostatic precipitator operating parameters (option only for units that operate wet scrubbers).</p>	<p>i. Establish a site-specific minimum pressure drop and minimum flow rate operating limit according to §63.11211(b).</p> <p>i. Establish a site-specific minimum secondary electric power according to §63.11211(b).</p>	<p>(1) Data from the pressure drop and liquid flow rate monitors and the particulate matter or mercury performance stack test.</p> <p>(1) Data from the secondary electric power monitors during the particulate matter or mercury performance stack test.</p>	<p>(a) You must collect pressure drop and liquid flow-rate data every 15 minutes during the entire period of the performance stack tests;</p> <p>(a) You must collect secondary electric power input data every 15 minutes during the entire period of the performance stack tests;</p> <p>(b) Determine the secondary electric power input for each individual test run in the three-run performance stack test by computing the average of all the 15-minute readings taken during each test run.</p>
2. Mercury .....	<p>a. Activated carbon injection.</p>	<p>i. Establish a site-specific minimum activated carbon injection rate operating limit according to §63.11211(b).</p>	<p>(1) Data from the activated carbon rate monitors and mercury performance stack tests.</p>	<p>(a) You must collect activated carbon injection rate data every 15 minutes during the entire period of the performance stack tests;</p> <p>(b) Determine the average activated carbon injection rate for each individual test run in the three-run performance stack test by computing the average of all the 15-minute readings taken during each test run.</p> <p>(c) When your unit operates at lower loads, multiply your activated carbon injection rate by the load fraction (e.g., actual heat input divided by heat input during performance stack test, for 50 percent load, multiply the injection rate operating limit by 0.5) to determine the required injection rate.</p>
3. Carbon monoxide	<p>a. Oxygen .....</p>	<p>i. Establish a unit-specific limit for minimum oxygen level according to §63.11211(b).</p>	<p>(1) Data from the oxygen monitor specified in §63.11224(a).</p>	<p>(a) You must collect oxygen data every 15 minutes during the entire period of the performance stack tests;</p> <p>(b) Determine the average oxygen concentration for each individual test run in the three-run performance stack test by computing the average of all the 15-minute readings taken during each test run.</p>

TABLE 7 TO SUBPART JJJJJJ OF PART 63—DEMONSTRATING CONTINUOUS COMPLIANCE

As stated in §63.11222, you must show continuous compliance with the emission limitations for affected sources according to the following:

If you must meet the following operating limits. . .	You must demonstrate continuous compliance by. . .
1. Opacity .....	a. Collecting the opacity monitoring system data according to §63.11224(e) and §63.11221; and

If you must meet the following operating limits. . .	You must demonstrate continuous compliance by. . .
2. Fabric filter bag leak detection operation	b. Reducing the opacity monitoring data to 6-minute averages; and c. Maintaining opacity to less than or equal to 10 percent (daily block average). Installing and operating a bag leak detection system according to § 63.11224 and operating the fabric filter such that the requirements in § 63.11222(a)(4) are met.
3. Wet scrubber pressure drop and liquid flow-rate.	a. Collecting the pressure drop and liquid flow rate monitoring system data according to §§ 63.11224 and 63.11221; and b. Reducing the data to 12-hour block averages; and c. Maintaining the 12-hour average pressure drop and liquid flow-rate at or above the operating limits established during the performance test according to § 63.1140.
4. Dry scrubber sorbent or carbon injection rate.	a. Collecting the sorbent or carbon injection rate monitoring system data for the dry scrubber according to §§ 63.11224 and 63.11220; and b. Reducing the data to 12-hour block averages; and c. Maintaining the 12-hour average sorbent or carbon injection rate at or above the minimum sorbent or carbon injection rate as defined in § 63.11237.
5. Electrostatic precipitator secondary amperage and voltage, or total power input.	a. Collecting the secondary amperage and voltage, or total power input monitoring system data for the electrostatic precipitator according to §§ 63.11224 and 63.11220; and b. Reducing the data to 12-hour block averages; and c. Maintaining the 12-hour average secondary amperage and voltage, or total power input at or above the operating limits established during the performance test according to § 63.11214.
6. Fuel pollutant content .....	a. Only burning the fuel types and fuel mixtures used to demonstrate compliance with the applicable emission limit according to § 63.11214 as applicable; and b. Keeping monthly records of fuel use according to § 63.11222.
7. Oxygen content .....	a. Continuously monitor the oxygen content in the combustion exhaust according to § 63.11224. b. Maintain the 12-hour average oxygen content at or above the operating limit established during the most recent carbon monoxide performance test.

TABLE 8 TO SUBPART JJJJJ OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART JJJJJ

As stated in § 63.11235, you must comply with the applicable General Provisions according to the following:

General provisions cite	Subject	Does it apply?
§ 63.1 .....	Applicability .....	Yes.
§ 63.2 .....	Definitions .....	Yes. Additional terms defined in § 63.11237.
§ 63.3 .....	Units and Abbreviations .....	Yes.
§ 63.4 .....	Prohibited Activities and Circumvention.	Yes.
§ 63.5 .....	Preconstruction Review and Notification Requirements.	No
§ 63.6(a), (b)(1)–(b)(5), (b)(7), (c), (f)(2)–(3), (g), (i), (j).	Compliance with Standards and Maintenance Requirements.	Yes.
§ 63.6(e)(1)(i) .....	General Duty to minimize emissions.	No. See § 63.11205 for general duty requirement.
§ 63.6(e)(1)(ii) .....	Requirement to correct malfunctions ASAP.	No.
§ 63.6(e)(3) .....	SSM Plan .....	No.
§ 63.6(f)(1) .....	SSM exemption .....	No.
§ 63.6(h)(1) .....	SSM exemption .....	No.
§ 63.6(h)(2) to (9) .....	Determining compliance with opacity emission standards.	Yes.
§ 63.7(a), (b), (c), (d), (e)(2)–(e)(9), (f), (g), and (h) ..	Performance Testing Requirements	Yes.
§ 63.7(e)(1) .....	Performance testing .....	No. See § 63.11210.
§ 63.8(a), (b), (c)(1), (c)(1)(ii), (c)(2) to (c)(9), (d)(1) and (d)(2), (e), (f), and (g).	Monitoring Requirements .....	Yes.
§ 63.8(c)(1)(i) .....	General duty to minimize emissions and CMS operation.	No.
§ 63.8(c)(1)(iii) .....	Requirement to develop SSM Plan for CMS.	No.
§ 63.8(d)(3) .....	Written procedures for CMS .....	Yes, except for the last sentence, which refers to an SSM plan. SSM plans are not required.
§ 63.9 .....	Notification Requirements .....	Yes.
§ 63.10(a) and (b)(1) .....	Recordkeeping and Reporting Requirements.	Yes.