

Environmental Protection Agency

Pt. 60, Subpt. DDDD, Table 4

TABLE 2 TO SUBPART DDDD OF PART 60—MODEL RULE—EMISSION LIMITATIONS

TABLE 2 TO SUBPART DDDD OF PART 60—MODEL RULE—EMISSION LIMITATIONS THAT APPLY BEFORE

[Date to be specified in state plan]<sup>b</sup>

For the air pollutant	You must meet this emission limitation <sup>a</sup>	Using this averaging time	And determining compliance using this method
* Hydrogen chloride ...	* 62 parts per million by dry volume.	* 3-run average (For Method 26, collect a minimum volume of 60 liters per run. For Method 26A, collect a minimum volume of 1 dry standard cubic meter per run).	* Performance test (Method 26 or 26A at 40 CFR part 60, appendix A-8).
* Mercury .....	* 0.47 milligrams per dry standard cubic meter.	* 3-run average (1 hour minimum sample time per run).	* Performance test (Method 29 or 30B at 40 CFR part 60, appendix A-8) or ASTM D6784-02 (Reapproved 2008). <sup>c</sup>
* Opacity .....	* 10 percent .....	* Three 1-hour blocks consisting of ten 6-minute average opacity values.	* Performance test (Method 9 at 40 CFR part 60, appendix A-4).
* Oxides of nitrogen ...	* 388 parts per million by dry volume.	* 3-run average (1 hour minimum sample time per run).	* Performance test (Methods 7 or 7E at 40 CFR part 60, appendix A-4). Use a span gas with a concentration of 800 ppm or less.
* .....	* .....	* .....	* .....

<sup>b</sup> The date specified in the state plan can be no later than 3 years after the effective date of approval of a revised state plan or March 21, 2016.

<sup>c</sup> Incorporated by reference, see § 60.17.

TABLE 3 TO SUBPART DDDD OF PART 60—MODEL RULE—OPERATING LIMITS FOR WET SCRUBBERS

For these operating parameters	You must establish these operating limits	And monitor using these minimum frequencies		
		Data measurement	Data recording	Averaging time
Charge rate .....	Maximum charge rate.	Continuous .....	Every hour .....	Daily (batch units). 3-hour rolling (continuous and intermittent units) <sup>a</sup>
Pressure drop across the wet scrubber or amperage to wet scrubber.	Minimum pressure drop or amperage.	Continuous .....	Every 15 minutes ...	3-hour rolling <sup>a</sup>
Scrubber liquor flow rate.	Minimum flow rate ..	Continuous .....	Every 15 minutes ...	3-hour rolling <sup>a</sup>
Scrubber liquor pH	Minimum pH .....	Continuous .....	Every 15 minutes ...	3-hour rolling <sup>a</sup>

<sup>a</sup> Calculated each hour as the average of the previous 3 operating hours.

TABLE 4 TO SUBPART DDDD OF PART 60—MODEL RULE—TOXIC EQUIVALENCY FACTORS

Dioxin/furan congener	Toxic equivalency factor
2,3,7,8-tetrachlorinated dibenzo-p-dioxin .....	1
1,2,3,7,8-pentachlorinated dibenzo-p-dioxin .....	0.5
1,2,3,4,7,8-hexachlorinated dibenzo-p-dioxin .....	0.1
1,2,3,7,8,9-hexachlorinated dibenzo-p-dioxin .....	0.1
1,2,3,6,7,8-hexachlorinated dibenzo-p-dioxin .....	0.1
1,2,3,4,6,7,8-heptachlorinated dibenzo-p-dioxin .....	0.01
octachlorinated dibenzo-p-dioxin .....	0.001
2,3,7,8-tetrachlorinated dibenzofuran .....	0.1
2,3,4,7,8-pentachlorinated dibenzofuran .....	0.5
1,2,3,7,8-pentachlorinated dibenzofuran .....	0.05
1,2,3,4,7,8-hexachlorinated dibenzofuran .....	0.1