

Environmental Protection Agency

Pt. 62, Subpt. HHH, Table 1

TABLE 1 TO SUBPART HHH OF PART 62—EMISSIONS LIMITS FOR SMALL RURAL, SMALL, MEDIUM AND LARGE HMIWI

For the air pollutant	You must meet this emissions limit				With these units (7 percent oxygen, dry basis)	Using this averaging time ^a	And determining compliance using this method ^b
	HMIWI size						
	Small rural	Small	Medium	Large			
Particulate matter.	87 (0.038)	66 (0.029)	46 (0.020) ^c 34 (0.015) ^d	25 (0.011)	Milligrams per dry standard cubic meter (grains per dry standard cubic foot).	3-run average (1-hour minimum sample time per run).	EPA Reference Method 5 of appendix A-3 of part 60, or EPA Reference Method M 26A or 29 of appendix A-8 of part 60
Carbon monoxide.	20	20	5.5	11	Parts per million by volume.	3-run average (1-hour minimum sample time per run).	EPA Reference Method 10 or 10B of appendix A-4 of part 60
Dioxins/furans ..	240 (100) or 5.1 (2.2).	16 (7.0) or 0.013 (0.0057).	0.85 (0.37) or 0.020 (0.0087).	9.3 (4.1) or 0.054 (0.024).	Nanograms per dry standard cubic meter total dioxins/furans (grains per billion dry standard cubic feet) or nanograms per dry standard cubic meter TEQ (grains per billion dry standard cubic feet).	3-run average (4-hour minimum sample time per run).	EPA Reference Method 23 of appendix A-7 of part 60
Hydrogen chloride.	810	44 ^c	7.7	6.6	Parts per million by volume.	3-run average (1-hour minimum sample time per run).	EPA Reference Method 26 or 26A of appendix A-8 of part 60
Sulfur dioxide ...	55	4.2	4.2	9.0	Parts per million by volume.	3-run average (1-hour minimum sample time per run).	EPA Reference Method 6 or 6C of appendix A-4 of part 60
Nitrogen oxides	130	190	190	140	Parts per million by volume.	3-run average (1-hour minimum sample time per run).	EPA Reference Method 7 or 7E of appendix A-4 of part 60
Lead	0.50 (0.22)	0.31 (0.14)	0.018 (0.0079).	0.036 (0.016).	Milligrams per dry standard cubic meter (grains per thousand dry standard cubic feet).	3-run average (1-hour minimum sample time per run).	EPA Reference Method 29 of appendix A-8 of part 60
Cadmium	0.11 (0.048).	0.017 (0.0074).	0.013 (0.0057).	0.0092 (0.0040).	Milligrams per dry standard cubic meter (grains per thousand dry standard cubic feet).	3-run average (1-hour minimum sample time per run).	EPA Reference Method 29 of appendix A-8 of part 60

Pt. 62, Subpt. HHH, Table 2

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For the air pollutant	You must meet this emissions limit				With these units (7 percent oxygen, dry basis)	Using this averaging time ^a	And determining compliance using this method ^b
	HMIWI size						
	Small rural	Small	Medium	Large			
Mercury	0.051 (0.0022).	0.014 (0.0061).	0.025 (0.011).	0.018 (0.0079).	Milligrams per dry standard cubic meter (grains per thousand dry standard cubic feet).	3-run average (1-hour minimum sample time per run).	EPA Reference Method 29 of appendix A–8 of part 60

^a Except as allowed under §§ 62.14452(o)–(q) for HMIWI equipped with CEMS or continuous automated sampling systems.
^b Does not include CEMS, continuous automated sampling systems, and approved alternative non-EPA test methods allowed under § 62.14452(d) and (m).
^c Limits for those HMIWI for which construction or modification was commenced according to § 62.14400(a)(2)(i).
^d Limits for those HMIWI for which construction or modification was commenced according to § 62.14400(a)(2)(ii).

[78 FR 28075, May 13, 2013]

TABLE 2 TO SUBPART HHH OF PART 62—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	1
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	0.0003
2,3,7,8-tetrachlorinated dibenzofuran	0.1
2,3,4,7,8-pentachlorinated dibenzofuran	0.3
1,2,3,7,8-pentachlorinated dibenzofuran	0.03
1,2,3,4,7,8-hexachlorinated dibenzofuran	0.1
1,2,3,6,7,8-hexachlorinated dibenzofuran	0.1
1,2,3,7,8,9-hexachlorinated dibenzofuran	0.1
2,3,4,6,7,8-hexachlorinated dibenzofuran	0.1
1,2,3,4,6,7,8-heptachlorinated dibenzofuran	0.01
1,2,3,4,7,8,9-heptachlorinated dibenzofuran	0.01
Octachlorinated dibenzofuran	0.0003

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TABLE 3 TO SUBPART HHH OF PART 62—OPERATING PARAMETERS TO BE MONITORED AND MINIMUM MEASUREMENT AND RECORDING FREQUENCIES

Operating parameters to be monitored	Minimum frequency		HMIWI				
	Data measurement	Data recording	HMIWI with combustion control only	HMIWI with dry scrubber followed by FF	HMIWI with wet scrubber	HMIWI with dry scrubber followed by FF and wet scrubber	HMIWI with SNCR system
Maximum operating parameters:							
Maximum charge rate	Once per charge.	Once per charge.	✓	✓	✓	✓	✓
Maximum FF inlet temperature	Continuous	Once per minute.	✓	✓
Maximum flue gas temperature	Continuous	Once per minute.	✓	✓
Minimum operating parameters:							
Minimum secondary chamber temperature.	Continuous	Once per minute.	✓	✓	✓	✓	✓