

**EMISSION LIMITS AND WORK PRACTICE STANDARDS
FOR BOILERS AND PROCESS HEATERS**
(in pounds/million BTU)

Source	Subcategory	Particulate Matter (PM)	or	Total Selected Metals	Hydrogen Chloride (HCl)	Mercury (Hg)	Carbon Monoxide (CO) ppm @ % Oxygen
New or Reconstructed Boiler or Process Heater (Units that commenced construction or reconstruction after January 13, 2003)	Solid Fuel, Large Unit	0.025	or	0.0003	0.02	0.000003	400 @ 7% O ₂
	Solid Fuel, Small Unit	0.025	or	0.0003	0.02	0.000003	-----
	Solid Fuel, Limited Use	0.025	or	0.0003	0.02	0.000003	400 @ 7% O ₂
	Liquid Fuel, Large Unit	0.03	--	-----	0.0005	-----	400 @ 3% O ₂
	Liquid Fuel, Small Unit	0.03	--	-----	0.0009	-----	-----
	Liquid Fuel, Limited Use	0.03	--	-----	0.0009	-----	400 @ 3% O ₂
	Gaseous Fuel, Large Unit	-----	--	-----	-----	-----	400 @ 3% O ₂
	Gaseous Fuel, Small Unit	-----	--	-----	-----	-----	-----
	Gaseous Fuel, Limited Use	-----	--	-----	-----	-----	400 @ 3% O ₂
Existing Boiler or Process Heater (Units that commenced construction or reconstruction on or before January 13, 2003)	Solid Fuel, Large Unit	0.07	or	0.001	0.09	0.000009	-----
	Solid Fuel, Small Unit	-----	--	-----	-----	-----	-----
	Solid Fuel, Limited Use	0.21	or	0.004	-----	-----	-----
	Liquid Fuel, Large Unit	-----	--	-----	-----	-----	-----
	Liquid Fuel, Small Unit	-----	--	-----	-----	-----	-----
	Liquid Fuel, Limited Use	-----	--	-----	-----	-----	-----
	Gaseous Fuel	-----	--	-----	-----	-----	-----

Generally, a small unit is a boiler or process heater with a rated capacity less than or equal to 10 million BTU/hour heat input. A large unit is a boiler or process heater with a rated capacity greater than 10 million BTU/hour heat input and has an annual average capacity factor greater than 10%. A limited use unit is a boiler or process heater with a rated capacity greater than 10 million BTU/hour heat input and has an annual average capacity factor less than or equal to 10%. All firetube boilers, regardless of rated input capacity, are required to meet the requirements for small units. See Section 63.7575 for rule definitions.

See Sections 63.7525 and 63.7535 for opacity monitoring requirements and other work practice standards.