

EMISSION SOURCES - MAXIMUM EMISSION RATES

Permit Number 94178

This table lists the maximum emission rates and all sources of air contaminants on the applicant's property covered by this permit. The emission rates shown are those derived from information submitted as part of the application for permit and are the maximum rates allowed for these facilities, sources, and related activities. Any proposed increase in emission rates may require an application for a revision of the facilities covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
EPN 2	Unit 2 Boiler (Current Emissions under NSR Permit No. 4381)	NOx	3609.00	15,808.00
		CO	438.00	1,916.00
		VOC	19.00	82.00
		SO ₂	5,771.00	25,277.00
		PM, PM ₁₀ and PM _{2.5}	387.00	1694.00
EPN 2	Unit 2 Boiler (represented emissions in this PCP Project)	NOx	3609.00	15,808.00
		CO	438.00	1,916.00
		VOC	19.00	82.00
		SO ₂	4,616.80	20,221.60
		PM, PM ₁₀ and PM _{2.5}	478.80	1697.10
EPN2	Unit 2 Boiler (Emissions differences)	SO ₂	-1154.20	-5055.40
		PM, PM ₁₀ and PM _{2.5}	+91.80	+3.10
TEMP1	Grinding Mill Receiver Vent	PM, PM ₁₀ and PM _{2.5}	0.11	0.11
TEMP2	Sorbent Bin Vent Filter	PM, PM ₁₀ and PM _{2.5}	0.03	0.03

(1) Emission point identification - either specific equipment designation or emission point number from plot plan.

(2) Specific point source name. For fugitive sources, use area name or fugitive source name.

(3) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
 NO_x - total oxides of nitrogen
 CO - carbon monoxide
 SO₂ - sulfur dioxide

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PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented

PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

Effective
Date:

December 17, 2010
