

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 35530

This table lists the maximum allowable 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 modification of the facilities covered by this permit.

## Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
			lbs/hour	TPY (4)*
TRANSFER	Product Transfer (5)	PM	2.86	4.98
		PM <sub>10</sub>	1.00	1.66
		H <sub>2</sub> S	0.42	0.70
		Product Transfer EPN includes up to 9 drop points in sulfur service and up to 14 drop point for all other products.		
STOCKPILE	Stockpile Fugitives (5)	PM	2.00	8.78
		PM <sub>10</sub>	1.00	4.39
		H <sub>2</sub> S	(7)	(7)
SCREENING	Screening Operations 1 and 2 (5)	PM	0.88	7.80
		PM <sub>10</sub>	0.30	2.60
CRUSHING	Crushing Operations (5, 8)	PM	0.24	0.90
		PM <sub>10</sub>	0.11	0.41
ENGINES	Light Plant Engines (9)	PM	0.13	0.25
		PM <sub>10</sub>	0.13	0.25
		NO <sub>x</sub>	1.86	3.61
		CO	0.40	0.78
		VOC	0.15	0.29
		SO <sub>2</sub>	0.12	0.23

- (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.

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- (3) PM
  - total particulate matter, suspended in the atmosphere, including PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
  - PM<sub>10</sub>
    - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
  - PM<sub>2.5</sub>
    - particulate matter equal to or less than 2.5 microns in diameter
  - H<sub>2</sub>S
    - hydrogen sulfide
  - NO<sub>x</sub>
    - total oxides of nitrogen
  - CO
    - carbon monoxide
  - VOC
    - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
  - SO<sub>2</sub>
    - sulfur dioxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.
- (7) The H<sub>2</sub>S emissions for EPN STOCKPILE are included in EPN TRANSFER
- (8) Emission rates are based on and the facilities are limited to 200 tons per hour and 1,500,000 tons per year of coal or petroleum coke.
- (9) The Light Plant Engines (EPN ENGINES) operation are limited to 3,880 hours per year.

\*Emission rates are based on and the facilities are limited by the following maximum operating schedule and throughput rates:

24 Hrs/day, 7 Days/week, 52 Weeks/year or 8,760 Hrs/year  
1,500 Tons/hour and 4,864,825 Tons/year of combined materials

Date: October 14, 2013