

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 8262

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)
12D	Retort Cylinder (5)	VOC	0.35	0.08
12E	Retort Cylinder (5)	VOC	0.35	0.08
12F	Retort Cylinder (5)	VOC	0.35	0.08
100	Debarker (5)	PM	0.01	0.02
		PM <sub>10</sub>	0.01	0.02
		PM <sub>2.5</sub>	0.01	0.02
101	Cutoff Saw (5)	PM	0.04	0.06
		PM <sub>10</sub>	0.04	0.06
		PM <sub>2.5</sub>	0.04	0.06
102	Boiler 1 Stack	NO <sub>x</sub>	1.65	6.59
		CO	1.38	5.53
		PM	0.13	0.50
		PM <sub>10</sub>	0.13	0.50
		PM <sub>2.5</sub>	0.13	0.50
		VOC	0.09	0.36
		SO <sub>2</sub>	0.01	0.04
103	Boiler 2 Stack	NO <sub>x</sub>	6.18	27.08
		CO	16.86	73.85
		PM	9.84	43.08
		PM <sub>10</sub>	8.99	39.38

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		PM <sub>2.5</sub>	5.34	23.38
		VOC	0.48	2.09
		SO <sub>2</sub>	0.70	3.08
CRUNLOAD	Creosote Unloading (5)	VOC	0.02	0.003
STORTANK	Creosote Storage Tank Vent	VOC	0.001	0.005
WT1	Creosote Working Tank 1	VOC	0.27	1.35
WT2	Creosote Working Tank 2	VOC	0.27	1.35
PRODSTOR	Finished Product Storage (5)	VOC	2.59	11.36
SUMP	Creosote Sump and Miscellaneous Sources (5)	VOC	0.04	0.19
CTOWERS	Cooling Towers	VOC	0.01	0.01
		PM	0.06	0.27
		PM <sub>10</sub>	0.06	0.27
		PM <sub>2.5</sub>	0.02	0.10
BDTANK	Blow Down Tank Stack (Blow Down Tank, Vacuum Return Tank, and Pole Steaming)	VOC	1.28	0.93
WTS	Water Treatment System (5)	VOC	0.01	0.01
FLOCTANK	Flocculation Tank	VOC	0.01	0.01
PREHEAT	Water Preheating Tanks (5)	VOC	0.01	0.01
FUG	Process Fugitives (5)	VOC	1.41	0.56

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MSS	Maintenance, Startup, and Shutdown (5)	VOC	0.62	<0.01
All	All Sources	Any HAP	-	<10.0
		All HAPs	-	<25.0

- (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) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO<sub>x</sub> - total oxides of nitrogen
- SO<sub>2</sub> - sulfur dioxide
- 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
- CO - carbon monoxide
- HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (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 and scheduled maintenance emissions are included. Non scheduled maintenance activities are not authorized by this permit and will need separate authorization unless the activity can meet conditions of 30 TAC 116.119.

Date: March 31, 2015