EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 81706 and HAP12

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. 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 * lb/hr	TPY**
LBLR01	Wood-Fired Boiler 692.6 MMBtu/hr (approximately 45 MW)	NO_x	52.0 (5)	227.5
		CO	52.0 (5)	227.5
		$PM/PM_{10}/PM_{2.5}$ (total)	17.3 (5)	71.0
		$PM/PM_{10}/PM_{2.5}$ (filterable)	8.4 (5)	36.4
		VOC	7.0 (5)	30.3
		SO_2	17.3	71.0
		HCl	13.9	56.8
		NH_3	8.0	32.9
		Chlorine	0.6	2.3
		H_2SO_4	0.1	0.2
		Lead	0.1	0.2
LTU01	Truck Unloader 1 (4)	PM	0.04	0.04
		PM_{10}	0.02	0.02
LTU02	Truck Unloader 2 (4)	PM	0.04	0.04
		PM_{10}	0.02	0.02
LSCRN01	Scalper Screen 1 and Hog Mill (4)	PM	0.03	0.02
		PM_{10}	0.01	0.01
		$PM_{2.5}$	0.01	0.01
LMHFUG01	Wood Conveying (4)	PM	0.32	0.30
		PM_{10}	0.11	0.10
		$PM_{2.5}$	0.03	0.03
LMHFUG02	Wood Storage Pile 1 (4)	PM	0.25	0.80
		PM_{10}	0.12	0.38
LMHFUG03	Ash Conveying and Collection (4)	PM	0.06	0.24
		PM_{10}	0.03	0.09
		$PM_{2.5}$	0.01	0.02

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LMHFUG04	Wood Storage Pile 2 (4)	PM PM_{10}	0.25 0.12	0.80 0.38
LSTV01	Steam Turbine Lubrication System Vent	VOC $PM/PM_{10}/PM_{2.5}$	0.03 0.03	0.11 0.11
LCTFUG01	Cooling Tower 1 (4)	PM PM_{10} $PM_{2.5}$	0.81 0.29 0.01	3.6 1.3 0.01
LTK01	Diesel Fuel Storage Tank 1	VOC	0.06	0.01
LTK02	Gasoline Fuel Storage Tank 2	VOC	40.7	0.19
LTK03	Urea Solution Mixing Tank 3 (4)	$PM/PM_{10}/PM_{2.5}$	0.01	0.01
LFP01	Diesel Dispensing Fuel Pump 1 (4)	VOC	0.01	0.01
LFP02	Gasoline Dispensing Fuel Pump 2 (4)	VOC	1.2	0.07

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
(2) Specific point source names. For fugitive sources, use an area name or fugitive source name.
(3) NO_x - total oxides of nitrogen
CO - carbon monoxide

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PM - particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$
PM_{10} - particulate matter equal to or less than 10 microns in diameter
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO_2 - sulfur dioxide
HCl - hydrogen chloride
NH_3 - ammonia
H_2SO_4 - sulfuric acid mist

(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5) Main Boiler (EPN LBLR01) Emission Rates limits in lb/hr for NO_x, CO, $PM/PM_{10}/PM_{2.5}$ (total), $PM/PM_{10}/PM_{2.5}$ (filterable), and VOC are rolling 30-day averages.

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

Hrs/day ___ Days/week ___ Weeks/year or Hrs/year 8,760

** Compliance with annual emission limits is based on a rolling 12-month period.

Dated October 26, 2009