EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 8579 and PSD-TX-371M3

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*
FH-1A	Fuel Handling Lignite Mine Transfer Silo Baghouse Stack	PM_{10}	2.23	9.77
FH-1B	Fuel Handling Overland Conveyor	PM	4.30	7.92
		PM_{10}	2.04	3.75
FH-1C	Fuel Handling Transfer Tower No. 4 Baghouse Stack	PM_{10}	1.37	6.00
FH-2	Fuel Handling Transfer Tower No. 1Y Baghouse Stack	PM_{10}	3.43	15.02
FH-3A	Fuel Handling Active Storage Pile A Reclaim Baghouse Stack	PM_{10}	1.03	4.51
FH-3B	Fuel Handling Active Storage Pile B Reclaim Baghouse Stack	PM_{10}	1.03	4.51
FH-4	Fuel Handling Crusher House Baghouse Stack	PM_{10}	2.66	11.65
FH-5	Fuel Handling Transfer Tower No. 2 Baghouse Stack	PM_{10}	1.46	6.39
FH-6	Fuel Handling Transfer Tower No. 3 Baghouse Stack	PM_{10}	2.74	12.00
FH-7	Fuel Handling Outboard Tower No. 1 Baghouse Stack	PM_{10}	0.26	1.14
FH-8A	Fuel Handling Silo Gallery A Unit No. 1 Baghouse Stack	PM_{10}	2.49	10.91

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
FH-8B	Fuel Handling Silo Gallery B Unit No. 1 Baghouse Stack	PM_{10}	2.49	10.91
FH-8C	Fuel Handling Silo Gallery C Unit No. 2 Baghouse Stack	PM_{10}	2.49	10.91
FH-8D	Fuel Handling Silo Gallery D Unit No. 2 Baghouse Stack	PM_{10}	2.49	10.91
FH-9A	Fuel Handling Active Storage Pile A (4)	PM PM_{10}	--- 	3.24 1.56
FH-9B	Fuel Handling Active Storage Pile B (4)	PM PM_{10}	-- 	3.24 1.56
FH-10	Fuel Handling Inactive Storage Pile (4)	PM PM_{10}	-- 	18.40 9.02
FH-11	Fuel Handling Emergency Storage Pile (4)	PM PM_{10}	-- --	0.42 0.21
FH-12	Fuel Handling Stacking Hopper (4)	PM PM_{10}	0.63 0.30	2.76 1.31
FH-12A	Fuel Handling Stacking Hopper Vault Baghouse Stack	PM_{10}	0.13	0.57
FH-13	Fuel Handling Stacking Hopper Conveyor 1A (4)	PM PM_{10}	0.37 0.17	0.37 0.17
FH-14	Fuel Handling Rail Car Unloader (4)	PM PM_{10}	0.63 0.30	2.76 1.31
FH-14A	Fuel Handling Rail Car Unloader Vault Baghouse Stack	PM_{10}	0.17	0.74
FH-15	Fuel Handling Rail Car	PM	0.19	0.19

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	Unloader Conveyor 1B (4)	PM_{10}	0.09	0.09
FH-16	Fuel Handling Active Storage Pile Reclaim Baghouse Stack	PM_{10}	0.17	0.74
FH-17	Fuel Handling Active Storage Pile (4)	PM	–	2.00
		PM_{10}	–	0.98
FH-18	Fuel Handling Conveyor No. 2 (4)	PM	0.16	0.42
		PM_{10}	0.07	0.20
FH-19	Fuel Handling Transfer Station No. 1 Baghouse Stack	PM_{10}	0.13	0.57
FH-20	Fuel Handling Conveyor No. 3 (4)	PM	0.12	0.32
		PM_{10}	0.06	0.15
FH-21	Fuel Handling Tripper Tower No. 2 Baghouse Stack	PM_{10}	0.17	0.74
FH-22	Fuel Handling Transfer Station No. 3 Baghouse Stack	PM_{10}	0.09	0.39
LAS-1A	Fuel Handling Lime Addition Silo A Baghouse Stack	PM_{10}	0.63	0.25
LAS-1B	Fuel Handling Lime Addition Silo B Baghouse Stack	PM_{10}	0.63	0.25
LM-1A	Limestone Handling Railcar Unloading Facility (4)	PM	0.60	0.30
		PM_{10}	0.30	0.15
LM-1	Limestone Handling Unloader and Hopper Vault Baghouse Stack	PM_{10}	1.29	5.65

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
LM-2	Limestone Handling Shuttle Conveyor Baghouse Stack	PM_{10}	0.77	3.37
LM-3	Limestone Handling Reclaim Baghouse Stack	PM_{10}	0.51	2.23
LM-4	Limestone Handling Transfer Tower Baghouse Stack	PM_{10}	1.71	7.49
LM-5	Limestone Handling Feed Silos Baghouse Stack	PM_{10}	0.61	2.67
LM-6	Limestone Handling Storage Pile (4)	PM PM_{10}	-- --	0.42 0.21
WH-1A	Waste Handling Fly Ash Silo No. 1 Baghouse Stack	PM_{10}	1.59	6.96
WH-1B	Waste Handling Fly Ash Silo No. 2 Baghouse Stack	PM_{10}	1.59	6.96
WH-1C	Waste Handling Fly Ash Truck Loading Operation (4)	PM PM_{10}	3.38 1.65	2.70 1.32
WH-1D	Waste Handling Fly Ash Bag Loading Operation (4)	PM PM_{10}	0.11 0.05	0.47 0.23
WH-2A	Waste Handling Fly Ash Storage Silo A Baghouse Stack	PM_{10}	1.15	5.04
WH-2B	Waste Handling Fly Ash Storage Silo B Baghouse Stack	PM_{10}	1.15	5.04
WH-2C	Waste Handling Fly Ash Storage Silo C Baghouse Stack	PM_{10}	1.15	5.04

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
WH-4A	Waste Handling Pugmill A Wet Scrubber Stack	PM_{10}	0.17	0.74
WH-4B	Waste Handling Pugmill B Wet Scrubber Stack	PM_{10}	0.17	0.74
WH-4C	Waste Handling Pugmill C Wet Scrubber Stack	PM_{10}	0.17	0.74
WH-5A	Waste Handling Stabilized Sludge Conveyor A (4)	PM	0.03	0.04
		PM_{10}	0.02	0.02
WH-5B	Waste Handling Stabilized Sludge Conveyor B (4)	PM	0.03	0.04
		PM_{10}	0.02	0.02
WH-5C	Waste Handling Stabilized Sludge Conveyor C (4)	PM	0.03	0.04
		PM_{10}	0.02	0.02
WH-6A	Waste Handling Stabilized Sludge Conveyor Stackout A (4)	PM	--	0.34
		PM_{10}	--	0.17
WH-6B	Waste Handling Stabilized Sludge Conveyor Stackout B (4)	PM	--	0.34
		PM_{10}	--	0.17
WH-6C	Waste Handling Stabilized Sludge Conveyor Stackout C (4)	PM	--	0.34
		PM_{10}	--	0.17
LF-1	Waste Handling Landfill (4)	PM	--	26.2
		PM_{10}	--	13.1
FE	Plant Roads (4)	PM	--	17.42
		PM_{10}	--	8.71
MCT-1	Unit 1 Main Cooling Tower	PM_{10}	5.78	21.11
MCT-2	Unit 2 Main Cooling Tower	PM_{10}	5.78	21.11

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
ACT-1	Auxilliary Cooling Tower No. 1	PM_{10}	0.29	0.95
ACT-2	Auxilliary Cooling Tower No. 2	PM_{10}	0.29	0.95
AC-1	Indoor abrasive Cleaning and Painting Facility Baghouse Stack	PM_{10}	2.57	2.67
		VOC	5.42	0.79
AC-2	Outdoor Abrasive Cleaning and Painting Facility (4)	PM	1.15	0.46
		PM_{10}	0.30	0.12
AC-2A	Outdoor Spray Painting Facility (4)	PM	7.04	1.23
		PM_{10}	3.52	0.62
		VOC	5.42	0.79
BATL-1	Bottom Ash Truck Loading (4)	PM	0.94	2.54
		PM_{10}	0.47	1.27

(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 30 Texas Administrative Code Section 101.1
PM - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
(4) Fugitive emissions are an estimate only.

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

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

24 Hrs/day 7 Days/week 52 Weeks/year or 8760 Hrs/year

Maximum fuel throughput: Lignite 3,000 tons/hour and 14,000,000 tons/year

Western coal: 3,000 tons/hour and 9,000,000 tons/year

Petcoke: 3,000 tons/hour and 2,000,000 tons/year

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY

The maximum combined fuel throughput shall not exceed 14,000,000 tons/year.

Dated _____