EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 8579 and PSD-TX-371M4

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	PM	0.50	2.19
		PM_{10}	0.24	1.05
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	PM	0.25	1.10
		PM_{10}	0.12	0.53
FH-2	Fuel Handling Transfer Tower No. 1Y	PM	1.51	6.61
		PM_{10}	0.72	3.15
FH-3A	Fuel Handling Active Storage Pile A Reclaim	PM	1.01	4.42
		PM_{10}	0.48	2.10
FH-3B	Fuel Handling Active Storage Pile B Reclaim	PM	1.01	4.42
		PM_{10}	0.48	2.10
FH-4	Fuel Handling Crusher House	PM	0.76	3.33
		PM_{10}	0.36	1.58
FH-5	Fuel Handling Transfer Tower No. 2	PM	0.76	3.33
		PM_{10}	0.36	1.58
FH-6	Fuel Handling Transfer Tower No. 3	PM	1.01	4.42
		PM_{10}	0.48	2.10
FH-8A	Fuel Handling Silo Gallery A Unit No. 1	PM	0.76	3.33
		PM_{10}	0.36	1.58

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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	PM	0.76	3.33
	Unit No. 1	PM_{10}	0.36	1.58
FH-8C	Fuel Handling Silo Gallery C	PM	0.76	3.33
	Unit No. 2	PM_{10}	0.36	1.58
FH-8D	Fuel Handling Silo Gallery D	PM	0.76	3.33
	Unit No. 2	PM_{10}	0.36	1.58
FH-9A	Fuel Handling Active Storage	PM	---	3.24
	Pile A (4)	PM_{10}		1.56
FH-9B	Fuel Handling Active Storage	PM	--	3.24
	Pile B (4)	PM_{10}		1.56
FH-10	Fuel Handling Inactive	PM	--	18.40
	Storage Pile (4)	PM_{10}		9.02
FH-11	Fuel Handling Emergency	PM	--	0.42
	Storage Pile (4)	PM_{10}	--	0.21
FH-12	Fuel Handling Transfer Tower TT-31	PM	0.91	1.13
		PM_{10} 0.43	0.54	
FH-13	Fuel Handling Railcar Unloader	PM	0.42	0.52
	Conveyor C31 (4)	PM_{10}	0.20	0.25
FH-14	Fuel Handling Railcar	PM	1.15	1.44
	Unloader (4)	PM_{10}	0.54	0.68
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	PM	0.60	0.30

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates ** lb/hr	TPY*
	Unloading Facility (4)	PM_{10}	0.30	0.15
LM-1	Limestone Handling Unloader and Hopper Vault Baghouse Stack	PM_{10}	1.29	5.65
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

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates ** lb/hr	TPY*
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
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 PM_{10}	0.03 0.02	0.04 0.02
WH-5B	Waste Handling Stabilized Sludge Conveyor B (4)	PM PM_{10}	0.03 0.02	0.04 0.02
WH-5C	Waste Handling Stabilized Sludge Conveyor C (4)	PM PM_{10}	0.03 0.02	0.04 0.02
WH-6A	Waste Handling Stabilized Sludge Conveyor Stackout A (4)	PM PM_{10}	-- --	0.34 0.17
WH-6B	Waste Handling Stabilized Sludge Conveyor Stackout B (4)	PM PM_{10}	-- --	0.34 0.17
WH-6C	Waste Handling Stabilized Sludge Conveyor Stackout C (4)	PM PM_{10}	-- --	0.34 0.17
LF-1	Waste Handling Landfill (4)	PM PM_{10}	-- --	26.2 13.1

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates ** lb/hr	TPY*
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
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
RCUL01	Temporary Railcar Unloader Baghouse Stack	PM_{10}	0.55	0.51

(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 area name or fugitive source name.
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
PM - particulate matter, suspended in the atmosphere, including PM_{10}.

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

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 8,760 Hrs/year

Maximum fuel throughput: Lignite 3,600 tons/hour and 14,000,000 tons/year

Western coal: 3,600 tons/hour and 9,000,000 tons/year

Petcoke: 3,600 tons/hour and 2,000,000 tons/year

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

Dated _____