EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

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

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 9498

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
FEL PC-1	Front-End Loader to Conveyor PC-1 (4)	PM	11.25	1.88
		PM_{10}	5.63	0.94
PC-1	Transfer PC-1 to Conveyor Belt CB-1 (4)	PM	0.75	0.13
		PM_{10}	0.38	0.07
TS PC-1	Transfer Station Receives Material From PC-1 and Drops it Onto CB-1 (4)	PM	3.75	0.63
		PM_{10}	1.88	0.32
CB-1	Conveyor Belt 1(4)	PM	7.5	1.25
		PM_{10} 3.75	0.63	
FEL-1	Front-End Loader Feeds TS FEL -1, Dropping Product at Midpoint on CB-1 (4)	PM	4.61	0.77
		PM_{10}	2.31	0.39
TS FEL-1	Interim Transfer Station 1 (4)	PM	3.75	0.63

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		PM_{10}	1.88	0.32
CB-1*	Conveyor Belt (4)	PM	3.08	1.03
		PM_{10}	1.54	0.52
TS-1	Transfer Station 1, Drops Product from CB-1 to CB-2, Changing Direction (4)	PM	3.75	1.25
		PM_{10}	1.88	0.63
FEL PC-2	Front-End Loader Feeds Conveyor PC-2 (4)	PM	11.25	1.88
		PM_{10}	5.63	0.94
PC-2	Transfer PC-2 to CB-2 (4)	PM	0.75	0.13
		PM_{10}	0.38	0.07
TS PC-2	Transfer Station Receiving Hopper Loaded by PC-2 (4)	PM	3.75	0.63
		PM_{10}	1.88	0.32
CB-2	Transfer of CB-1 from TS-1 up to TS FEL-2 (4)	PM	2.35	1.17
		PM_{10}	1.18	0.59
FEL-2	Front-End Loader Feeds TS Fel-2, Which Drops Product onto CB-2 (4)	PM	11.25	0.75
		PM_{10}	5.63	0.94
TS FEL-2	Transfer Station Receives Product from FEL-2 For Discharge onto CB-2 (4)	PM	3.75	0.25
		PM_{10}	1.88	0.13
CB-2*	Transfer of CB-1 from TS-2 (4)	PM	2.35	1.33
		PM_{10}	1.18	0.67

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
CB-2	Transfer from CB-2 and CB-2*, from TS-1 to TS-2, then Drops to CB-3 (4)	PM	3.75	2.13
		PM_{10}	1.88	1.07
TS-2	Receiving Hopper Material from CB-2, Drops into CB-3, Changes Direction (4)	PM	3.75	2.13
		PM_{10}	1.88	1.07
CB-3	Underground CB-3 to the Truck and Railcar, Dump Stations, then to CB-4 (4)	PM	1.06	0.60
		PM_{10}	0.53	0.30
DS-CB	Dump Station, Drops Product from CB-3 onto CB-4 (4)	PM	0.75	0.43
		PM_{10}	0.38	0.22
DS-RR	Dump Station to Transfer Product from Railcars onto CB-4 (4)	PM	0.75	0.08
		PM_{10}	0.38	0.04
DS-TR	Dump Station to Transfer Product from Trucks onto Conveyor Belt CB-4 (4)	PM	0.75	0.08
		PM_{10}	0.38	0.04
CB-4	Conveyor Belt CB-4 (4)	PM	1.31	1.00
		PM_{10}	0.66	0.50
TS-3	Transfer Station Receives Product from CB-4 Transfers to CB-5, Change of Direction to Ship Loader (4)	PM	3.75	2.88
		PM_{10}	1.88	1.44
TS-6	Receive Material from CB-8 and Drops it onto CB-5, Which Goes to Ship Loader (4)	PM	3.75	0.38
		PM_{10}	1.88	0.19
CB-5	Conveyor Belt CB-5	PM	1.73	1.50

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
	Receives Product from CB-4 Via Receiving Hopper of TS-3 (4)	PM_{10}	0.87	0.75
TS-4	Transfer Station TS-4	PM	3.75	3.25
	Receives Product from CB-5 and Transfers to Cb-6, Change of Direction (4)	PM_{10}	1.88	1.63
CB-6	Ship Loader Conveyor Belt	PM	2.21	1.91
	CB-6 Receives Material from CB-5, Changes Direction Going to Ship Loader (4)	PM_{10}	1.11	0.96
SL	Telescopic Spout-Out	PM	0.75	0.65
	Ship Loader, Enters Enclosed Hold-Space of Ship to Load Product (4)	PM_{10}	0.38	0.33
FEL PC-4	Front-End Loader	PM	11.25	1.88
	Feeds Hopper of PC-4 (4)	PM_{10}	5.63	0.94
TS PC-4	Transfer Station TS PC-4	PM	3.75	0.63
	Receives Material from PC-4 (4)	PM_{10}	1.88	0.32
PC-4	Loads Product from Pad onto CB-7 (4)	PM	0.75	0.13
		PM_{10}	0.38	0.07
CB-7	Conveyor Belt Headed	PM	3.75	0.63
	Towards the Rail Loadout System (RL) and/or to the Ship Loader (SL) (4)	PM_{10}	1.88	0.32
TS-5	TS-5 is a Head Shuttle with	PM	3.75	0.63
	Bi-Directional Capability. Drops Product from CB-7 onto CB-9, Which Goes to RL, or CB-8, Which Goes to SL (4)	PM_{10}	1.88	0.32

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
CB-8	Conveyor Belt CB-8 Dedicated to Ship Loader (4)	PM	5.10	0.51
		PM_{10}	2.55	0.26
TS-6	Transfer Station Receives Product From CB-8 and Drops it onto CB-5 Toward Ship Loader (4)	PM	3.75	0.38
		PM_{10}	1.88	0.19
CB-9	Conveyor Belt CB-9 Runs Toward Railcar Loadout System (4)	PM	1.50	0.10
		PM_{10}	0.75	0.05
RL	Railcar Loadout Point with a Bi-Truncated Chute that is Lowered into the Compartment for Railcar Loading (4)	PM	3.75	0.25
		PM_{10}	1.88	0.13

(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) 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.

* 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 Hourly Production: 1,500 tons/hour

Maximum Annual Production: 2,800,000 tons/year

Dated July 18, 2002