Emission Sources - Maximum Allowable Emission Rates

Permit Number 45895

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 (5)	
			lbs/hour	TPY (4)
BLR_2	Boiler No. 2 Stack	PM	0.10	0.30
		PM_{10}	0.10	0.30
		$PM_{2.5}$	0.10	0.30
		SO_2	0.01	0.10
		NO_x	0.90	3.60
		CO	0.70	3.10
		VOC	0.10	0.20
BLR_3	Boiler No. 3 Stack	PM	0.08	0.37
		PM_{10}	0.08	0.37
		$PM_{2.5}$	0.08	0.37
		SO_2	0.01	0.04
		NO_x	1.11	4.87
		CO	1.25	5.49
		VOC	0.13	0.59
DC_1	Dryer Cyclone No. 1 Stack	PM	1.70	7.40
		PM_{10}	0.40	1.40
		$PM_{2.5}$	0.40	1.40
		SO_2	0.03	0.20
		NO_x	1.80	7.80
		CO	1.50	6.50

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DC_1	Dryer Cyclone No. 1 Stack	VOC	0.10	0.50
DC_2	Dryer Cyclone No. 2 Stack	PM	1.30	5.20
		PM_{10}	0.30	1.20
		$PM_{2.5}$	0.30	1.20
		SO_2	0.03	0.20
		NO_x	1.80	7.80
		CO	1.50	6.50
		VOC	0.10	0.50
UNL_1	Truck Corn Receiving Fugitives	PM	1.10	1.00
		PM_{10}	0.20	0.20
		$PM_{2.5}$	0.20	0.20
CAL_1A	Cooling Air Lift Cyclone No. 1A Stack	PM	0.10	0.40
		PM_{10}	0.01	0.04
		$PM_{2.5}$	0.01	0.04
CAL_1B	Cooling Air Lift Cyclone No. 1B Stack	PM	0.10	0.30
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.03
CAL_2A	Remiller Air Lift Cyclone No. 2A L-2 Stack	PM	0.10	0.40
		PM_{10}	0.01	0.04
		$PM_{2.5}$	0.01	0.04
CAL_2B	Remiller Air Lift Cyclone No. 2B L-2 Stack	PM	0.10	0.30
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.03
DCSBH	Dust Collection System Baghouse Stack	PM	0.50	2.20
		PM_{10}	0.50	2.20

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		$PM_{2.5}$	0.50	2.20
MAL_1A	Cooling Cyclone No. 1A L-1 Stack	PM	0.10	0.30
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.03
MAL_1B	Cooling Cyclone No. 1B L-1 Stack	PM	0.10	0.30
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.03
MAL_2A	Cooling Air Lift #2A L-2 Stack	PM	0.10	0.30
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.03
MAL_2B	Cooling Air Lift #2B L-2 Stack	PM	0.10	0.30
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.03
MAL_3	Cooling Cyclone L-3 Stack	PM	0.10	0.30
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
MAL_4	Cooling Cyclone L-4 Stack	PM	0.10	0.30
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.03
FFAL_1	Remiller Air Lift #A1 L-1 Cyclone Stack	PM	0.03	0.20
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
FFAL_2	Remiller Air Lift #B2 L-1 Cyclone Stack	PM	0.03	0.20

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		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
DCSC_1	Dust Collection System Cyclone Stack	PM	0.10	0.30
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.02
BHF_1	Baghouse Filter No. 1 Stack	PM	1.10	4.60
		PM_{10}	1.10	4.60
		$PM_{2.5}$	1.10	4.60
BHF_2	Baghouse Filter No. 2 Stack	PM	1.10	4.60
		PM_{10}	1.10	4.60
		$PM_{2.5}$	1.10	4.60
DC_3	Dryer Cyclone No. 3 Stack	PM	1.80	7.50
		PM_{10}	1.50	6.40
		$PM_{2.5}$	1.50	6.40
		SO_2	0.02	0.10
		NO_x	1.20	5.20
		CO	1.00	4.40
		VOC	0.10	0.30
DC_4	Dryer Cyclone No. 4 Stack	PM	1.32	5.74
		PM_{10}	0.40	1.74
		$PM_{2.5}$	0.40	1.74
		SO_2	0.01	0.05
		NO_x	1.10	4.81
		CO	0.27	1.19

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		VOC	0.07	0.31

(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_x - total oxides of nitrogen
SO_2 - sulfur dioxide
PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10} - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$, as represented
$PM_{2.5}$ - particulate matter equal to or less than 2.5 microns in diameter
CO - carbon monoxide
(4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
(5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: December 29, 2014