Emission Sources - Maximum Allowable Emission Rates

Permit Number 110956

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 (6)	
			lbs/hour	TPY (4)
PILE 1	Pile Fugitives 1 (5)	PM	---	0.56
		PM_{10}	---	0.28
		$PM_{2.5}$	---	0.04
PILE 2	Pile Fugitives 2 (5)	PM	---	0.56
		PM_{10}	---	0.28
		$PM_{2.5}$	---	0.04
PILE 3	Pile Fugitives 3 (5)	PM	---	0.56
		PM_{10}	---	0.28
		$PM_{2.5}$	---	0.04
PILE 4	Pile Fugitives 4 (5)	PM	---	0.66
		PM_{10}	---	0.33
		$PM_{2.5}$	---	0.05
RAD-PILE1	Radial Stacker Pile Fugitives (5)	PM	0.01	0.02
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
RAD-PILE2	Radial Stacker Pile Fugitives (5)	PM	0.01	0.02
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	<0.01
HOP 1	Transfer to Stacker Feed Hopper (5)	PM	0.10	0.18
		PM_{10}	0.04	0.07

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		$PM_{2.5}$	0.01	0.01
CRUSH	Crusher (5)	PM	0.04	0.07
		PM_{10}	0.02	0.03
		$PM_{2.5}$	<0.01	0.01
GR	Vibratory Grizzly (5)	PM	0.08	0.13
		PM_{10}	0.03	0.04
		$PM_{2.5}$	<0.01	<0.01
BLEND	Drop Into Blend Bins 1 and 2 (5)	PM	0.10	0.18
		PM_{10}	0.04	0.07
		$PM_{2.5}$	0.01	0.01
T1	Transfer To Conveyor Between BLEND And GR (5)	PM	0.05	0.09
		PM_{10}	0.02	0.03
		$PM_{2.5}$	<0.01	0.01
T2	Transfer To Conveyor Between CRUSH And HOP 1 (5)	PM	0.05	0.09
		PM_{10}	0.02	0.03
		$PM_{2.5}$	<0.01	0.01
BLDFUG	Mill Feed Hoppers 1 And 2 Conveyor Transfers Inside (5)	PM	0.08	0.03
		PM_{10}	0.03	0.01
		$PM_{2.5}$	0.01	<0.01
BAGFUG	Bagging Conveyor Transfers (5)	PM	0.03	0.10
		PM_{10}	0.01	0.04
		$PM_{2.5}$	<0.01	0.01
BH-1	Mill #1 Dryer Baghouse Stack (Dryer 1, Dryer 1 Cyclone, and Roller Mill #1)	VOC	<0.01	0.02
		NO_X	0.59	2.58

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		SO_2	0.03	0.14
		PM	0.38	1.68
		PM_{10}	0.38	1.68
		$PM_{2.5}$	0.38	1.68
		CO	0.49	2.16
BH-2	Mill #2 Dryer Baghouse Stack (Dryer 2, Dryer 2 Cyclone, and Roller Mill #2)	VOC	<0.01	0.02
		NO_X	0.59	2.58
		SO_2	0.03	0.14
		PM	0.38	1.68
		PM_{10}	0.38	1.68
		$PM_{2.5}$	0.38	1.68
		CO	0.49	2.16
TRUCK-REC	Truck Receiving (5)	PM	0.08	0.03
		PM_{10}	0.03	0.01
		$PM_{2.5}$	0.01	<0.01
BH-3	Bagging Baghouse Stack (Bulk Bagging Tank and Palletizer Bagging Tank)	PM	0.11	0.47
		PM_{10}	0.11	0.47
		$PM_{2.5}$	0.11	0.47

(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

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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) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
(6) Planned startup and shutdown emissions are included for all sources. Any other maintenance activities are not authorized by this permit, but will be authorized separately.

Date: July 29, 2014