Emission Sources - Maximum Allowable Emission Rates

Permit Number 138162

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)
H1-M	Feed Hopper – Mobile (6)	PM	0.01	0.04
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
CR1-M	Primary Crusher – Mobile (6)	PM	0.30	1.32
		PM_{10}	0.14	0.60
		$PM_{2.5}$	0.03	0.11
SC1-M	Primary Screen – Mobile (6)	PM	0.55	2.41
		PM_{10}	0.19	0.82
		$PM_{2.5}$	0.02	0.06
CR2-M	Secondary Crusher – Mobile (6)	PM	0.18	0.76
		PM_{10}	0.08	0.34
		$PM_{2.5}$	0.02	0.07
SC2-M	Secondary Screen – Mobile (6)	PM	0.32	1.38
		PM_{10}	0.11	0.47
		$PM_{2.5}$	0.01	0.04
STKPL-M	Stockpiles – Mobile (6)	PM	--	6.55
		PM_{10}	--	3.12
		$PM_{2.5}$	--	0.47
CNVYRS-M	Conveyor Transfers – Mobile (6)	PM	0.15	0.64
		PM_{10}	0.05	0.21
		$PM_{2.5}$	0.01	0.06
H1	Feed Hopper (6)	PM	0.04	0.14

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		PM_{10}	0.02	0.07
		$PM_{2.5}$	0.01	0.02
CR1	Primary Crusher (6)	PM	1.14	5.00
		PM_{10}	0.52	2.25
		$PM_{2.5}$	0.10	0.42
SC1	Primary Screen – Dry Plant (6)	PM	2.18	9.54
		PM_{10}	0.74	3.21
		$PM_{2.5}$	0.05	0.22
H2	Hopper (6)	PM	0.02	0.08
		PM_{10}	0.01	0.04
		$PM_{2.5}$	0.01	0.01
CR2	Secondary Crusher – Dry Plant (6)	PM	0.35	1.52
		PM_{10}	0.16	0.69
		$PM_{2.5}$	0.03	0.13
H5	Hopper – Wet (6)	PM	0.02	0.06
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.01
CR3	Secondary Crusher – Wet (6)	PM	0.01	0.04
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.01
SC4	Aggregate Primary Screen (6)	PM	0.13	0.55
		PM_{10}	0.05	0.19
		$PM_{2.5}$	0.01	0.02
H6	Aggregate Crusher Feed Hopper (6)	PM	0.05	0.22
		PM_{10}	0.03	0.11
		$PM_{2.5}$	0.01	0.02
CR4	Aggregate Crusher (6)	PM	0.03	0.13
		PM_{10}	0.02	0.06
		$PM_{2.5}$	0.01	0.02

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H7	Aggregate Surge Hopper(6)	PM	<0.01	0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
H8	Sand Plant Feed Hopper (6)	PM	<0.01	0.01
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
SC5	Aggregate Secondary Screen (6)	PM	0.02	0.08
		PM_{10}	0.01	0.03
		$PM_{2.5}$	0.01	0.01
STKPL	Stockpiles (6)	PM	--	8.81
		PM_{10}	--	4.20
		$PM_{2.5}$	--	0.64
CNVYRS	Conveyor Transfers (6)	PM	0.67	2.92
		PM_{10}	0.22	0.96
		$PM_{2.5}$	0.06	0.27
ENG-1	Generator Engine (6)	PM	0.88	3.09
		PM_{10}	0.88	3.09
		$PM_{2.5}$	0.88	3.09
		NO_x	28.22	98.77
		CO	15.43	54.01
		VOC	0.84	2.93
		SO_2	0.33	1.16

(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

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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.

(6) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: February 17, 2017