Emission Sources - Maximum Allowable Emission Rates

Permit Number 3026

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)
16	Automobile Shredder Fugitives (5)	PM	0.06	0.16
		PM_{10}	0.03	0.08
		$PM_{2.5}$	<0.01	<0.01
17	Residue Transfer at Magnetic Separator (5)	PM	0.93	0.88
		PM_{10}	0.44	0.42
		$PM_{2.5}$	0.07	0.06
38	VSS Cyclone Exhaust (5)	PM	0.01	0.01
		PM_{10}	0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
49	Sizing Trommel 1122A (5)	PM	0.11	0.36
		PM_{10}	0.04	0.12
		$PM_{2.5}$	<0.01	0.02
33	Trommel Screen 8133 (5)	PM	<0.02	0.05
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	0.001	0.003
34 Biv West	Bivi-Tec Feeding Medium E/C Line (5)	PM	0.09	0.28
		PM_{10}	0.03	0.10
		$PM_{2.5}$	0.004	0.01
34 Biv East	Bivi-Tec Feeding Small E/C Line (5)	PM	0.04	0.13
		PM_{10}	0.01	0.04
		$PM_{2.5}$	0.002	0.006
34 E/C West	Eddy Current in Large E/C Line (5)	PM	0.02	0.07
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.001	0.003

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34 E/C East	Eddy Current in Medium E/C Line (5)	PM	0.04	0.14
		PM_{10}	0.01	0.05
		$PM_{2.5}$	0.002	<0.01
61	Vibratory Tray and Aspirator 1321 (5)	PM	0.01	0.04
		PM_{10}	0.004	0.01
		$PM_{2.5}$	0.001	0.002
62	Vibratory Tray and Aspirator 1311 (5)	PM	0.03	0.09
		PM_{10}	0.20	0.03
		$PM_{2.5}$	0.001	0.005
63	Vibratory Tray and Aspirator 1140 (5)	PM	0.01	0.03
		PM_{10}	0.003	0.01
		$PM_{2.5}$	0.001	0.002
66	Eddy Current in Small E/C line (5)	PM	0.02	0.06
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	0.001	0.003
69	Vibratory Tray 9151 (5)	PM	0.01	0.03
		PM_{10}	0.003	0.01
		$PM_{2.5}$	0.001	0.002
70	Vibratory Tray 9160 (5)	PM	0.02	0.07
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	0.001	<0.01
71	Vibratory Tray (5)	PM	0.01	0.03
		PM_{10}	<0.001	0.01
		$PM_{2.5}$	<0.01	0.001
72	Vibratory Tray and Aspirator (5)	PM	0.01	0.02
		PM_{10}	0.002	0.01
		$PM_{2.5}$	<0.001	0.001
64	Vibratory Tray 9151 (5)	PM	0.003	0.01
		PM_{10}	0.001	0.003

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		$PM_{2.5}$	<0.001	<0.001
65	Vibratory Tray 9160 (5)	PM	0.003	0.01
		PM_{10}	0.001	0.003
		$PM_{2.5}$	<0.001	<0.001
67	STAR Material Transfers (5) Transfer Points 1-92	PM	3.84	4.75
		PM_{10}	1.82	2.24
		$PM_{2.5}$	0.28	0.34
68	STAR Stockpiles (5)	PM	0.19	0.82
		PM_{10}	0.09	0.41
		$PM_{2.5}$	0.01	0.06
74	Microfines Baghouse	PM	1.33	5.84
		PM_{10}	1.331	5.84
		$PM_{2.5}$	0.20	0.89

(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) 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
(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. Maintenance activities are not authorized by this permit.

Date: October 9, 2017