EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 48620

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 *	
			lbs/hour	TPY (4)
SP-1	Scrap Processing Bale Breaker (5)	PM	0.0012	0.0007
		PM_{10}	0.0006	0.0003
SP-3	Scrap Processing Magnetic Separator (5)	PM	0.0012	0.0007
		PM_{10}	0.0006	0.0003
SP-5	Scrap Processing Baghouse (5)	PM	0.005	0.0073
		PM_{10}	0.0002	0.0003
DRS-2	Produced Dross Storage (5)	PM	0.006	0.014
		PM_{10}	0.003	0.007
DRS-3	Produced Dross Loading (5)	PM	1.40	0.053
		PM_{10}	0.04	0.0015
DRS-4	Feedstock Dross Storage (5)	PM	0.9	0.034
		PM_{10}	0.45	0.017
DRS-5	Feedstock Dross Loading (5)	PM	0.0032	<0.001
		PM_{10}	0.0016	<0.001
IM-1	Feedstock Scrap Unloading (5)	PM	0.0012	0.0007
		PM_{10}	0.0006	0.0003
IM-2	Feedstock Scrap Storage (5)	PM	0.338	0.178

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		PM_{10}	0.169	0.094
IM-3A	Salt Unloading (5)	PM (NaCl)	<0.001	<0.001
		PM (KCl)	<0.001	<0.001
		PM_{10} (NaCl)	<0.001	<0.001
		PM_{10} (KCl)	<0.001	<0.001
IM-3B	Silicon Unloading (5)	PM	<0.001	<0.001
		PM_{10}	<0.001	<0.001
IM-4A	Salt Storage (5)	PM (NaCl)	0.18	0.016
		PM (KCl)	0.18	0.016
		PM_{10} (NaCl)	0.09	0.0079
		PM_{10} (KCl)	0.09	0.0079
IM-4B	Silicon Storage (5)	PM	0.18	0.015
		PM_{10}	0.09	0.0075
IM-5	Chlorine Unloading (5)	Cl	0.0012	<0.001
IM-6	Chlorine Storage and Transfer (5)	Cl	0.0013	0.0057
IM-7	Reverberatory Furnace Burner Stack	PM/PM_{10}	0.091	0.4
		NO_x	1.2	5.26
		CO	0.29	1.27
		SO_2	0.0072	0.032
		VOC	0.066	0.29

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IM-11	Reverberatory and Rotary Furnace Baghouse Stack (6)	PM/PM_{10}	6.86	30.06
		NO_x	0.0012	0.0053
		CO	0.024	0.543
		SO_2	0.1	0.438
		VOC	0.06	0.27
		HCl	1.27	5.56
IM-13	Holding Furnace Stack	PM/PM_{10}	<0.1	<0.4
		NO_x	1.2	5.26
		CO	0.51	2.23
		SO_2	<0.01	0.03
		VOC	0.06	0.22

(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
CO - carbon monoxide
HCl - hydrogen chloride
Cl - chlorine
(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) HAPs are speciated and quantified in permit file.

* Emission rates are based on and the facilities are limited by the following maximum operating parameters:

24 Hrs/day 7 Days/week 52 Weeks/year or 8,760 Hrs/year

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Reverberatory Furnace Maximum Allowable Throughput: 10.0 tons per hour and 41,600 tons per year
Rotary Furnace Maximum Allowable Throughput: 10.0 tons per hour and 41,600 tons per year
Scrap Shredder Maximum Allowable Throughput: 10.0 tons per hour and 41,600 tons per year

Date: _____