EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Numbers 9476 and PSD-TX-886

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. 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 * lb/hr	TPY
011	Scrap Shredder and Well (5)	PM	9.70	42.49
	Furnace Hood Baghouse	PM_{10}	9.70	42.49
		F	3.50	15.00
		HCl	0.01	0.06
		HF	<0.01	0.03
		Cl	0.02	0.10
011	Well Furnace Hood (6)	PM/PM_{10}	4.29	18.77
	Baghouse No. 1	HCl	0.25	1.10
		HF	0.01	0.04
		Pb	0.04	0.14
		Cr	<0.01	0.01
		D/F	2.28E-07	9.99E-07
011A	Well Furnace Hood (5)	PM	2.60	11.39
		PM_{10}	2.60	11.39
		HCl	1.30	5.69
		HF	0.01	0.04
		Cl	0.01	0.05
011A	Well Furnace Hood (6)	PM/PM_{10}	2.60	11.39
	Baghouse No. 2	HCl	0.25	1.10
		HF	0.01	0.04
		Pb	0.04	0.14
		Cr	<0.01	0.01
		D/F	2.28E-07	9.99E-07

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
031	Well Furnace No. 1	PM/PM_{10}	1.31	5.74
		VOC	0.50	2.19
		NO_x	1.09	4.77
		SO_2	0.20	0.88
		CO	2.88	12.61
		HCl	0.05	0.22
		HF	<0.01	0.02
031A	Well Furnace No. 3	PM/PM_{10}	1.31	5.74
		VOC	0.50	2.19
		NO_x	1.09	4.77
		SO_2	0.20	0.88
		CO	2.88	12.61
		HCl	0.05	0.22
		HF	<0.01	0.02
041	Well Furnace No. 2	PM/PM_{10}	1.31	5.74
		VOC	0.50	2.19
		NO_x	1.09	4.77
		SO_2	0.20	0.88
		CO	2.88	12.61
		HCl	0.05	0.22
		HF	<0.01	0.02
041A	Well Furnace No. 4	PM/PM_{10}	1.31	5.74
		VOC	0.50	2.19
		NO_x	1.09	4.77
		SO_2	0.20	0.88
		CO	2.88	12.61
		HCl	0.05	0.21
		HF	<0.01	0.02

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
051	Dome Furnace	PM/PM_{10}	9.11	39.90
		VOC	0.19	0.83
		NO_x	2.44	10.69
		SO_2	0.02	0.09
		CO	2.49	10.91
061	Holding Furnace No. 1	PM/PM_{10}	0.44	1.93
		VOC	0.04	0.17
		NO_x	0.98	4.29
		SO_2	<0.01	0.02
		CO	0.58	2.52
		HCl 1.00	4.38	
061A	Holding Furnace No. 3	PM/PM_{10}	0.44	1.93
		VOC	0.04	0.17
		NO_x	0.98	4.29
		SO_2	<0.01	0.02
		CO 0.58	2.52	
		HCl 1.00	4.38	
071	Holding Furnace No. 2	PM/PM_{10}	0.44	1.93
		VOC	0.04	0.17
		NO_x	0.98	4.29
		SO_2	<0.01	0.02
		CO 0.58	2.52	
		HCl 1.00	4.38	
081	Scalper Baghouse - Stack	PM/PM_{10}	1.11	4.86
091	Preheat Furnace No. 1	PM/PM_{10}	0.84	3.68
		VOC	0.18	0.79
		NO_x	9.10	39.86
		SO_2	0.04	0.18
		CO	2.28	9.99
091A	Preheat Furnace No. 3	PM/PM_{10}	0.88	3.85

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		VOC	0.35	1.51
		NO_x	4.22	18.50
		SO_2	0.04	0.17
		CO	4.70	20.59
101	Preheat Furnace No. 2	PM/PM_{10}	0.84	3.68
		VOC	0.13	0.57
		NO_x	1.60	7.01
		SO_2	0.04	0.17
		CO	1.14	4.99
111	Hot Rolling Mill	PM	3.00	13.14
		VOC	8.00	35.04
121	Cold Rolling Mill	PM	3.00	13.14
		VOC	8.00	35.04
131	Annealing Furnace No. 1	PM/PM_{10}	0.22	0.96
		VOC	1.53	2.63
		NO_x	0.50	2.19
		SO_2	0.01	0.04
		CO	1.32	5.77
141	Annealing Furnace No. 2	PM/PM_{10}	0.22	0.96
		VOC	1.53	2.63
		NO_x	0.50	2.19
		SO_2	0.01	0.04
		CO	1.32	5.77
151	Annealing Furnace No. 3	PM/PM_{10}	0.22	0.96
		VOC	1.53	2.63
		NO_x	0.50	2.19
		SO_2	0.01	0.04
		CO	1.32	5.77
161	Annealing Furnace No. 4	PM/PM_{10}	0.22	0.96
		VOC	1.53	2.63

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		NO_x	0.50	2.19
		SO_2	0.01	0.04
		CO	1.32	5.77
161A	Annealing Furnace No. 5	PM/PM_{10}	0.22	0.96
		VOC	1.53	2.63
		NO_x	0.50	2.19
		SO_2	0.01	0.04
		CO	1.32	5.77
161B	Annealing Furnace No. 6	PM/PM_{10}	0.22	0.96
		VOC	1.53	2.63
		NO_x	0.50	2.19
		SO_2	0.01	0.04
		CO	1.32	5.77
161C	Annealing Furnace No. 7	PM/PM_{10}	0.22	0.96
		VOC	1.53	2.63
		NO_x	0.50	2.19
		SO_2	0.01	0.04
		CO	1.32	5.77
161D	Annealing Furnace No. 8	PM/PM_{10}	0.22	0.96
		VOC	1.53	2.63
		NO_x	0.50	2.19
		SO_2	0.01	0.04
		CO	1.32	5.77

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
181	Top (Finish) Coat Thermal Oxidizer - Stack	PM/PM_{10}	0.48	2.10
		VOC	11.90	52.12
		NO_x	4.90	21.46
		SO_2	0.02	0.09
		CO	2.88	12.62
181A	Primer Coat Thermal Oxidizer - Stack	PM/PM_{10}	0.48	2.10
		VOC	8.60	24.53
		NO_x	4.90	21.46
		SO_2	0.02	0.09
		CO	2.88	12.62
181B	Heater Vent	PM/PM_{10}	0.14	0.34
		VOC	0.06	0.25
		NO_x	1.47	6.44
		SO_2	0.01	0.03
		CO	0.86	3.79
181D	Strip Dryer Heater Vent	PM/PM_{10}	0.02	0.09
		VOC	0.04	0.18
		NO_x	0.21	0.92
		SO_2	<0.01	<0.01
		CO	0.12	0.54
182	Rubber Roll Shop - Baghouse	PM/PM_{10}	0.01	0.05
		Cr	<0.01	<0.01
183	Dross Loading (4)	PM_{10}	0.02	0.09

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(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 - particulate matter, suspended in the atmosphere, including PM_{10}.
PM_{10} - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
HCl - hydrogen chloride
HF - hydrogen fluoride
NO_x - total oxides of nitrogen
SO_2 - sulfur dioxide
CO - carbon monoxide
Pb - lead
Cr - chromium
D/F - dioxins/furans
F - fluorides
Cl - chlorine
(4) Fugitive emissions are an estimate only.
(5) Allowable emission rates until implementation of modifications set forth in Special Condition No. 27.
(6) Allowable emission rates after implementation of modifications required by Special Condition No. 27

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

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

Dated May 15, 2006