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
001	RODECS Baghouse Stack	PM/PM_{10}		0.46	1.48
		VOC		0.31	0.99
		NO_x		0.45	1.43
		SO_2		0.01	0.05
		CO		1.65	7.21
		HCl		1.54	4.94
		D/F		1.54E-08	4.94E-08
011	Well Furnace Hood Baghouse No. 1 Stack	PM/PM_{10}		4.29	18.77
		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 Baghouse No. 2 Stack	PM/PM_{10}		2.60	11.39
		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	
026	Sow Dryer	NOx		0.95	4.14
		CO		0.79	3.47
		PM/PM_{10}		0.07	0.31
		VOC		0.05	0.23
		SO_2		<0.01	<0.03

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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
051	Dome Furnace	PM/PM_{10}	9.11	39.90

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
		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
076	Casting Area Cooling Tower	PM/PM_{10}	1.68	7.37
		VOC	<0.01	<0.01
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

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
		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
		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
116	Hot Mill Cooling Tower	PM/PM_{10}	1.68	7.37
		VOC	<0.01	<0.01
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
		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

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

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
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
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
181C	Hot Mill Sentry	NOx	0.14	0.60
		CO	0.12	0.51
		PM/PM_{10}	0.01	0.05
		VOC	<0.01	<0.04

		SO_2	<0.001	<0.01

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
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 Stack	PM/PM_{10}	0.01	0.05
		Cr	<0.01	<0.01
183	Dross Loading (4)	PM/PM_{10}	0.02	0.09
TNK191A	Cold Mill Coolant Tank No. 1	VOC	0.25	0.005
TNK191B	Cold Mill Coolant Tank No. 2	VOC	0.25	0.005
TNK191C	Cold Mill Coolant	VOC	0.25	0.005

	Tank No. 3			
TNK191D	Cold Mill Coolant Tank No. 4	VOC	0.12	0.02
TNK191E	Cold Mill Coolant Tank No. 5	VOC	0.12	0.02
TNK191F	Cold Mill Coolant Tank No. 6	VOC	0.12	<0.005
TNK192A	Hot Mill Coolant Tank No. 1	VOC	<0.06	<0.01
TNK192B	Hot Mill Coolant Tank No. 2	VOC	<0.06	<0.01

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
TNK192C	Hot Mill Coolant Tank No. 3	VOC	<0.06	<0.01
TNK191-LL	Truck Loading (4)	VOC	0.43	<0.002

(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

(4) Fugitive emissions are an estimate only.

Dated October 11, 2007