EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 9476

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* lbs/hr	TPY
011	Scrap Shredder and Well Furnace Hood	PM	9.7	43.0
		F	3.5	15.0
		HCl	2.5	11.0
011A	Well Furnace Hood	PM	1.8	2.8
		HCl	2.0	3.1
011B	Rotary Dross Cooler	PM	1.2	1.8
021	Delacquering Furnace	VOC	3.8	17.0
		NOx	1.0	4.6
		SO2	0.01	0.03
		PM	8.0	35.0
		CO	0.26	1.2
031	Well Furnace No. 1	VOC	0.50	2.19
		NOx	5.00	21.90
		SO2	0.20	0.88
		PM	2.5	11.0
		CO	2.5	11.0
031A	Well Furnace No. 3	VOC	0.50	0.77
		NOx	5.00	7.80
		SO2	0.20	0.30
		PM	2.5	3.8
		CO	2.5	3.8
041	Well Furnace No. 2	VOC	0.50	2.19
		NOx	5.0	21.90
		SO2	0.20	0.88
		PM	2.5	11.0
		CO	2.5	11.0

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
041A	Well Furnace No. 4	VOC	0.50	0.77
		NOx	5.0	7.8
		SO2	0.20	0.30
		PM	2.5	3.8
		CO	2.5	3.8

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
051	Dome Furnace	VOC	0.10	0.44
		NOx	8.0	36.0
		SO2	0.02	0.09
		PM	7.1	31.0
		CO	2.0	8.8
061	Holding Furnace No. 1	VOC	0.02	0.09
		NOx	0.98	4.3
		PM	2.3	10.0
		CO	0.25	1.1
061A	Holding Furnace No. 3	VOC	0.02	0.03
		NOx	0.98	1.5
		PM	2.3	3.5
		CO	0.25	0.38
071	Holding Furnace No. 2	VOC	0.02	0.09
		NOx	0.98	4.3
		PM	2.3	10.0
		CO	0.25	1.1
081	Scalper	PM	2.0	8.8
091	Preheat Furnace No. 1	VOC	0.22	0.98
		NOx	11.2	50.0
		SO2	0.06	0.22
		PM	0.5	2.2
		CO	2.8	12.2
101	Preheat Furnace No. 2	VOC	0.22	0.98
		NOx	11.2	50.0
		SO2	0.06	0.22
		PM	0.5	2.2
		CO	2.8	12.2
111	Hot Rolling Mill	VOC	8.0	35.0
		PM	6.2	27.0
121	Cold Rolling Mill	VOC	8.0	35.0
		PM	3.0	13.0

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
131	Annealing Furnace No. 1	VOC	0.2	0.9
		NOx	2.2	9.8
		SO2	0.01	0.04
		PM	0.08	0.35
		CO	0.56	2.5

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
141	Annealing Furnace No. 2	VOC	0.2	0.9
		NOx	2.2	9.8
		SO2	0.01	0.04
		PM	0.08	0.35
		CO	0.56	2.50
151	Annealing Furnace No. 3	VOC	0.20	0.90
		NOx	2.2	9.8
		SO2	0.01	0.04
		PM	0.08	0.35
		CO	0.56	2.5
161	Annealing Furnace No. 4	VOC	0.2	0.9
		NOx	2.2	9.8
		SO2	0.01	0.04
		PM	0.08	0.35
		CO	0.56	2.5
161A	Annealing Furnace No. 5	VOC	0.20	0.90
		NOx	2.2	9.8
		SO2	0.01	0.04
		PM	0.08	0.35
		CO	0.56	2.5
161B	Annealing Furnace No. 6	VOC	0.20	0.90
		NOx	2.2	9.8
		SO2	0.01	0.04
		PM	0.08	0.35
		CO	0.56	2.5
181	Coil Coating Line (4)	VOC	9.3	35.0
		NOx	2.8	11.0
		SO2	0.01	0.04
		PM	0.10	0.37
		CO	0.70	2.6
181B	Boiler Vent	VOC	0.03	0.13
		NOx	1.5	6.4
		SO2	0.01	0.05
		PM	0.05	0.22
		CO	0.40	1.8

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
181C	Boiler Vent	VOC	0.04	0.18
		NOx	1.8	7.9
		SO2	0.01	0.05
		PM	0.08	0.35
		CO	0.48	2.1

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) VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
CO - carbon monoxide
HCl - hydrochloric acid
SO2 - sulfur dioxide
PM - particulate matter
F - fluorides
(4) Operating schedule for the coil coating line is 7,450 hrs/year.

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

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

Revised_____