

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19029

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
OXID-1	Thermal Oxidizer	PM	<1.03	2.63
		SO ₂	<0.01	<0.03
		NO _x	0.8	3.5
		CO	<0.05	<0.74
		VOC	5.76	19.63
FUG 1-4	Four Roof Vents (4)	VOC	6.06	20.66
DRY-1	Dry Oven	PM	<0.03	<0.11
		SO ₂	<0.01	<0.01
		NO _x	0.2	<0.88
		CO	<0.05	<0.19
		TOC	<0.02	<0.06
BILLET-6	6" Billet Oven	PM	<0.06	<0.24
		SO ₂	<0.01	<0.02
		NO _x	0.45	1.97
		CO	<0.1	0.41
		TOC	<0.03	0.11
BILLET-7	7" Billet Oven	PM	<0.06	<0.24
		SO ₂	<0.01	<0.02
		NO _x	0.45	1.97
		CO	<0.1	0.41
		TOC	<0.03	0.11
AGE-1a AGE-1b	No. 1 Age Oven (5)	PM	<0.05	0.21
		SO ₂	<0.01	<0.01
		NO _x	0.4	1.75
		CO	<0.09	<0.37
		TOC	<0.03	<0.11
AGE-2	No. 2 Age Oven	PM	<0.05	0.21
		SO ₂	<0.01	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY
		NO _x	0.4	1.75
		CO	<0.09	<0.37
		TOC	<0.03	<0.11
CLEAN-1	Heat Cleaning	PM	<0.04	<0.16
		SO ₂	<0.01	<0.01
		NO _x	0.3	1.31
		CO	<0.07	<0.28
		TOC	<0.02	<0.08
TANK-1	Wash Tank 1	PM	<0.04	<0.16
		SO ₂	<0.01	<0.01
		NO _x	0.3	<0.4
		CO	<0.07	<0.28
		TOC	<0.02	0.76

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name.
- (3) VOC - volatile organic compounds as defined in General Rule 101.1
 NO_x - total oxides of nitrogen
 SO₂ - sulfur dioxide
 PM - particulate matter
 CO - carbon monoxide
- (4) These are totals for the four roof vents.
- (5) These are totals for the two stacks.

Dated _____