

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

3577

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	Source	Air Contaminant	<u>Emission Rates*</u>	
<u>Point No. (1)</u>	<u>Name (2)</u>	<u>Name (3)</u>	<u>#/hr</u>	<u>TPY</u>
G-73	Delaval HVA-12G Gas Fired Generator Engine 3000 kW (Unit 73)	NOx	116.2	509.8
		CO	9.5	41.7
		VOC	0.2	0.9
		SO2	0.02	0.07
G-80	Cooper-Bessemer LSV-16 Gas Fired Generator Engine 3200 kW (Unit 74)	NOx	47.5	208.1
		CO	17.5	76.6
		VOC	0.5	2.0
		SO2	0.01	0.06
G-81	Cooper-Bessemer LSV-16 Gas Fired Generator Engine 2500 kW (Unit 75)	NOx	18.6	81.5
		CO	13.0	57.0
		VOC	0.4	2.0
		SO2	0.01	0.06
IGG-1	Inert Gas Generator (155.9 MMBtu/hr Boiler)	NOx	1.9	8.3
		CO	1.6	7.0
		VOC	0.2	1.0
		SO2	0.03	0.13
		PM10	0.21	0.88
IGG-2	Inert Gas Generator (155.9 MMBtu/hr Boiler)	NOx	1.9	8.3
		CO	1.6	7.0
		VOC	0.2	1.0
		SO2	0.03	0.13
		PM10	0.21	0.88
IGG-3	Inert Gas Generator (155.9 MMBtu/hr Boiler)	NOx	1.9	8.3
		CO	1.6	7.0
		VOC	0.2	1.0
		SO2	0.03	0.13
		PM10	0.21	0.88
IGG-4	Inert Gas Generator (155.9 MMBtu/hr Boiler)	NOx	1.9	8.3
		CO	1.6	7.0

VOC	0.2	1.0
SO2	0.03	0.13
PM10	0.21	0.88

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates*	
			#/hr	TPY
IGG-5	Inert Gas Generator (155.9 MMBtu/hr Boiler)	NOx	1.9	8.3
		CO	1.6	7.0
		VOC	0.2	1.0
		SO2	0.03	0.13
		PM10	0.21	0.88
IGG-6	Inert Gas Generator (155.9 MMBtu/hr Boiler)	NOx	1.9	8.3
		CO	1.6	7.0
		VOC	0.2	1.0
		SO2	0.03	0.13
		PM10	0.21	0.88
H-8	Dehydrator 3.71 MMBtu/hr	NOx	0.65	2.9
		CO	0.08	0.36
		VOC	0.1	0.4
		SO2	0.01	0.01
		PM10	0.09	0.4
H-9	Dehydrator 3.71 MMBtu/hr	NOx	0.65	2.9
		CO	0.08	0.36
		VOC	0.1	0.4
		SO2	0.01	0.01
		PM10	0.09	0.4
H-10	Dehydrator 3.71 MMBtu/hr	NOx	0.65	2.9
		CO	0.08	0.36
		VOC	0.1	0.4
		SO2	0.01	0.01
		PM10	0.09	0.4

- (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
 SO2 - sulfur dioxide
 PM - particulate matter
 CO - carbon monoxide

* 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 8760

