

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

19698

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)	<u>Emission Rates *</u>	
			lb/hr	TPY
IN15-1-3	Incinerator	NO <sub>x</sub>	1.0	4.38
		CO	0.35	1.53
		TSP/PM <sub>10</sub>	1.53	6.70
		SO <sub>2</sub>	<0.01	0.02
		Dioxane	0.02	0.07
		Other VOC	<0.01	0.02
SC15-1-1	Scrubber	Ethyleneimine	<0.01	<0.01
D15-1-012	Tank 012	Polyethylene-oxide (Pluriol)	0.08	<0.01
D15-1-021	Tank 021	H <sub>2</sub> SO <sub>4</sub>	<0.01	<0.01
D15-1-030	Tank 030	Polymin (5)	<0.01	<0.01
D15-1-031	Tank 031	Polymin (5)	<0.01	<0.01
D15-1-032	Tank 032	Polymin (5)	<0.01	<0.01
D15-1-033	Tank 033	Polymin (5)	<0.01	<0.01
D15-1-034	Tank 034	Polymin (5)	<0.01	<0.01
D15-1-035	Tank 035	Polymin (5)	<0.01	<0.01
D15-1-036	Tank 036	Polymin (5)	<0.01	<0.01
D15-1-037	Tank 037	Polymin (5)	<0.01	<0.01

D15-1-038	Tank 038	Grundharz	0.05	0.02
D15-1-039	Tank 039	Luramin	0.05	<0.01

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	<u>Emission Rates *</u> TPY	
F-15-1-001	Fugitives 01 (4)	VOC	0.509	2.23	
F-15-1-002	Fugitives 02 (4)	VOC	0.509	2.23	
F-15-1-003	Fugitives 03 (4)	VOC	0.524	2.30	
F-15-1-004	Fugitives 04 (4)	VOC	0.524	2.30	
F-15-1-005	Fugitives 05 (4)	VOC	0.524	2.30	
F-15-1-006	Fugitives 06 (4)	VOC	0.035	0.153	

- (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) H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
TSP - total suspended particulate  
PM<sub>10</sub> - particulate matter less than 10 microns  
VOC - volatile organic compounds as defined in General Rule 101.1  
NO<sub>x</sub> - total oxides of nitrogen  
SO<sub>2</sub> - sulfur dioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Polymin is a general term for a water-soluble polymer in an aqueous solution.

\* 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 \_\_\_\_\_