

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 105

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		Air Contaminant		<u>Emission Rates*</u>	
	Name (2)	Name (3)	lb/hr	TPY		
103	Toluene Storage		VOC		0.14	0.62
104	Toluene Fugitives (4)		VOC		0.37	1.55
113	NOx Reduction Unit		NOx		6.00	13.00
			NCVOC		0.31	1.36
			HCN		0.04	0.18
			CO		4.00	8.70
115	DNT Vent Scrubber		VOC		0.036	0.25
118	DNT Plant Fugitives (4)		VOC		0.22	0.96
152	DNT Feed Tank Vent		VOC		0.01	0.05
153	Nitric Acid Loading		NOx		0.97	2.12
160	Acid Storage Tank Vent		H2SO4		<0.01	<0.01
161	Acid Storage Tank Vent		H2SO4		<0.01	<0.01
162	Acid Storage Tank Vent		H2SO4		<0.01	<0.01
			CO		12.10	0.49
163	Acid Storage Tank Vent		H2SO4		<0.01	<0.01
			CO		12.10	0.49
164	Acid Storage Tank Vent		H2SO4		<0.01	<0.01
165	Acid Storage Tank		H2SO4		<0.01	<0.01

166	Acid Storage Tank	CO (5)	12.10	0.02
		H2SO4	<0.01	<0.01
		CO (5)	12.10	0.02

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- (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
NO_x - total oxides of nitrogen
CO - carbon monoxide
NCVOC- non hydrogen cyanide volatile organic compounds
HCN - hydrogen cyanide
H₂SO₄- sulfuric acid
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
- (5) Emissions occur two weeks per year.

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

Hrs/day____Days/week____Weeks/year____or Hrs/year 8,760

Revised_____