

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 4351

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		
ANI-FLR373	Process Flare (5) (7)		VOC		0.10	0.45
			Benzene		0.02	0.09
			Nitrobenzene		<0.01	<0.01
			NO _x		0.07	0.31
			CO		0.39	1.70
			SO ₂		<0.01	<0.01
			H ₂ S		<0.01	<0.01
ANI-FLR296	Emergency Flare		FOR EMERGENCY USE ONLY			
ANI-ABS62	Ammonia Scrubber (5)		Benzene		0.10	0.42
			Nitrobenzene		<0.01	<0.01
			NH ₃		<0.01	<0.01
ANI-FDHN	DHN Fugitives (4)		Benzene		2.40	10.53
			Nitrobenzene		0.13	0.57
ANI-FANMFG	Aniline Fugitives (4)		Benzene		0.86	3.77
			Nitrobenzene		0.12	0.51
			Aniline		<0.01	<0.01
ANI-TFX261	Nitrobenzene Storage Tank		Benzene		<0.01	<0.01
			Nitrobenzene		0.21	0.12
ANI-VNT297	DHN Sump		Benzene		<0.01	<0.01
			Nitrobenzene		<0.01	<0.01
ANI-VNT298	PNP Extractor (6)		Benzene		<0.01	<0.01
			Nitrobenzene		<0.01	<0.01
			Nitric Acid		<0.01	<0.01

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ANI-TFX299	PNP Extractor Storage Tank (6)	Nitrobenzene	0.01	<0.01
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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
NO_x - total oxides of nitrogen
CO - carbon monoxide
SO₂ - sulfur dioxide
H₂S - hydrogen sulfide
NH₃ - ammonia
 - (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
 - (5) The emissions for EPN ANI-ABS62 (Ammonia Scrubber) and EPN ANIFLR373 (Process Flare) do not represent the total emissions, but are emissions attributable only to the emission sources within the Aniline Production Unit (Permit No. 4351).
 - (6) Hours of operation are limited to 2,190 hours per year.
 - (7) VOC emissions do not include Benzene and Nitrobenzene emissions.
- * 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

Dated _____