

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

3179

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		
INH9200	Incinerator			VOC	35.06	153.6
CDE8256	Cleavage Reactor Vent			VOC	1.3	5.7
VLV8217	Cleavage Drain Vent			VOC	<0.1	<0.1
CDE8309	Acetone Finishing Column			VOC	1.0	4.4
FNF8300	Reboiler			VOC	<0.1	<0.1
				NO <sub>x</sub>	4.8	21.0
				SO <sub>2</sub>	18.3	80.3
				PM	<0.1	<0.1
				CO	0.5	2.0
				SO <sub>3</sub>	0.2	1.0
TFD306	Phenol Tank			VOC	1.1	1.4
TFD307	Phenol Tank			VOC	1.1	1.4
TFD313	Solvent Tank			VOC	3.9	1.1
TFD390	Acetone Tank			VOC	0.7	3.2
TFD391	Acetone Tank			VOC	0.7	3.2
TFD392	Acetone Tank			VOC	0.9	3.2
TFD393	Benzene Tank			VOC	0.3	0.6
TFD394	Cumene Tank			VOC	18.1	2.9

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES				
TFD395	Cumene Tank	VOC	18.1	1.3
TFD400	Cumene/AMS Tank	VOC	2.7	1.1
TFD401	Cumene/AMS Tank	VOC	2.0	1.1

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	lb/hr	Emission Rates * TPY
TFD402	Phenol Tank	VOC	1.6	2.4
TFD403	Phenol Tank	VOC	1.6	2.4
LDA1	Acetone Loading	VOC	2.6	11.4
LDC1	Cumene Loading	VOC	0.2	1.0
LDP1	Phenol Loading	VOC	6.1	3.4
FUG-1	Fugitives (4)	VOC	8.1	35.9

- (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) PM - particulate matter  
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  
SO<sub>3</sub> - sulfur trioxide  
CO - carbon monoxide
- (4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

\* 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

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Revised\_\_\_\_\_