

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 7646A

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)	Emission Rates	
			lb/hr	TPY
211/3003TV	Formaldehyde Feed Tank "A"	Formaldehyde	4.09	
		VOC (less formaldehyde)	4.99	
211/3004TV	Formaldehyde Feed Tank "B"	Formaldehyde	4.09	
		VOC (less formaldehyde)	4.99	
211/3005TV	Recycle B3D Tank	Formaldehyde	0.93	0.77
		VOC (less formaldehyde)		0.29
211/3001TV	Product Storage Tank	Formaldehyde	0.52	0.89
		VOC (less formaldehyde)		0.16
201/3003TV	B3D Rail Shipping Tank	Formaldehyde	3.25	2.33
		VOC (less formaldehyde)		0.99
302/6302ST	Catalyst Loading Conveyor Vent			
	1.80		PM <sub>10</sub>	20.0
303/3402SP	Caustic Scrubber Seal Pot VOC		1.65	7.24

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201/3002SC	Formaldehyde Rail Receiving	Formaldehyde	0.16
	0.06		
	Tank Vent Scrubber	VOC (less formaldehyde)	0.19
	0.07		
SDLR	Product Railcar Loading	VOC	1.45
			0.69
SDFUG	Fugitives (4)	Formaldehyde	0.09
		VOC (less formaldehyde)	0.38
			7.16
			31.34
303/VENTST	Acetylene Analyzer Vents	VOC	0.81
			3.66
211/5302SL	Flare (Pilot Only)	NO <sub>x</sub>	<0.01
		CO	0.02
			0.01
			0.07

- (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
- PM<sub>10</sub> - particulate matter (PM) equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no PM greater than 10 microns is emitted.
- NO<sub>x</sub> - nitrogen oxides
- 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 8,760 Hrs/year

Dated \_\_\_\_\_