EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20627

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
T-731	Spent Acid Tank	H_2SO_4	<0.01	<0.01
		VOC	0.32	0.18
T-212	Alkylate Storage Tank (5) 2.10	VOC	0.49	
		VOC (6)	0.00	0.00
T-223	Alkylate Storage Tank	VOC	5.30	13.86
T-230	Alkylate Storage Tank	VOC	3.92	9.03
T-747	Fresh Acid Tank	H_2SO_4	<0.01	<0.01
T-744	Fresh Acid Tank	H_2SO_4	<0.01	<0.01
T-748	Spent Acid Tank	H_2SO_4	<0.01	<0.01
		VOC	0.60	3.58
FE-29	Process Fugitives (4)	VOC	6.49	28.43
FCT-3	Cooling Tower No. 3 (4)	VOC (7)	0.51	2.23

(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
    H_2SO_4 - sulfuric acid

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(4)   Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

(5)   This tank shall be removed from alkylate service and decommissioned for use in the H_2SO_4 Alkylation Unit when modification authorized are complete.

(6)   These are the VOC emission rates for this tank after decommissioning as they relate to the H_2SO_4 Alkylation Unit.

(7)   Cooling Tower No. 3 is grandfathered. These emissions from FCT-3 are attributed to the H_2SO_4 Alkylation Unit only.

 * 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_____