EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 1829

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
U-5A	Initiator Mixing Tank	VOC	2.07	0.16
U-5B	Initiator Mixing Tank	VOC	2.07	0.16
U-6A	Initiator Mixing Tank	VOC	2.19	0.10
U-6B	Initiator Mixing Tank	VOC	2.19	0.10
U-8A	Initiator Mixing Tank	VOC	4.37	0.13
U-8B	Initiator Mixing Tank	VOC	4.37	0.13
U-15	Initiator Mixing Tank	VOC	0.82	0.04
EP-5	Oxidizer Vent	VOC	3.6	15.7
		PM	1.2	5.0
F-EP-9	Piping Fugitives (4)	VOC	17.64	77.28
EP-10	Flare	NO_x	13.56	0.48
		CO	97.95	3.50
		VOC	135.34	3.02
EP-22	Priller Vent	VOC	0.03	0.14
EP-23	Priller Vent	VOC	0.03	0.14
EP-24	Priller Vent	VOC	0.03	0.14

EP-28	Atomizer	PM	5.00	21.90
EP-31	Acrylic Acid Storage	VOC	2.21	0.09
EP-35	Reflux Condenser Vent	VOC	0.19	0.84
EP-36	New Reflux Condenser Vent	VOC	0.19	0.84
EP-38	Packaging Baghouse	PM	0.24	0.71
EP-40	Atomizer	PM	3.50	15.33
EP-41	New Recycled IPA Storage Scrubber	VOC	1.42	0.07
PRPP	Pilot Plant	VOC	2.00	5.00
Batch Ox	Commercial Batch Oxidation	VOC	1.50	4.00

(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)   CO - carbon monoxide
    NO_x - total oxides of nitrogen
    PM - particulate matter
    VOC - volatile organic compounds as defined in General Rule 101.1
(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

Dated_____