

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 20204

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		Emission Rates *	
	Name (2)	Name (3)	lb/hr	TPY		
PL-6	D-Comonomer Building Vent			VOC	0.14	0.52
PL-6A	Vinyl Acetate Holdup Tank			VOC	2.78	0.39
PL-6B	Glycidyl Methacrylate Tank			VOC	0.07	1.23
PL-6F	Liquid CO Loading			CO	80.0	5.7
PL-6G	Shaker Screen Vent			VOC	1.65	8.01
				CO	0.03	0.13
PL-6H	Pellet Dumpster			VOC	20.8	17.8
				CO	2.8	0.04
PL-6I	D-Wax Vent			VOC	7.87	5.49
				CO	0.03	0.01
PL-7B	Compressor			PM	0.08	0.36
				CO	3.0	10.36
				NO _x	19.0	81.91
				SO ₂	0.003	0.01
PL-7C	Compressor			PM	0.13	0.55
				CO	5.0	16.01
				NO _x	29.0	126.59
				SO ₂	0.005	0.02
PL-7D	Compressor			PM	0.08	0.36
				CO	3.0	10.36
				NO _x	19.0	81.91
				SO ₂	0.003	0.01
PL-7E	Compressor			PM	0.08	0.36

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *		
			lb/hr	TPY	
			CO	3.0	10.36
			NO _x	19.0	81.91
			SO ₂	0.003	0.01
PL-7F	Compressor		PM	0.13	0.55
			CO	5.0	16.01
			NO _x	29.0	126.59
			SO ₂	0.005	0.02
PL-7G	Compressor		PM	0.13	0.55
			CO	5.0	16.01
			NO _x	29.0	126.59
			SO ₂	0.005	0.02
PL-7H	Compressor		PM	0.13	0.55
			CO	5.0	16.01
			NO _x	29.0	126.59
			SO ₂	0.005	0.02
PL-8	G-Monomer Building Vent		VOC	0.12	0.27
PL-8A	MAA Holdup Tank		VOC	0.47	0.11
PL-8B	MAA Holdup Tank		VOC	0.47	0.11
PL-8C	Dual Compartment Tank		VOC	0.09	0.07
PL-8D	Comonomer Tank		VOC	2.1	0.42
PL-8E	Comonomer Tank		VOC	6.44	0.04
PL-8F	Comonomer Tank		VOC	3.67	0.10
PL-8G	Comonomer Tank		VOC	0.12	0.52
PL-8H	Comonomer Tank		VOC	0.06	0.25

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
PL-8I	Comonomer Tank	VOC	0.08	0.36
PL-8J	Mineral Spirits Tank	VOC	0.046	0.10
PL-8K	Mineral Spirits Tank	VOC	0.046	0.10
PL-8L	Mineral Spirits Tank	VOC	0.046	0.10
PL-8M	Mineral Spirits Tank	VOC	0.046	0.10
PL-8N	Mineral Spirits Tank	VOC	0.046	0.10
PL-8O	Mineral Spirits Tank	VOC	0.046	0.10
PL-8P	Mineral Spirits Tank	VOC	0.046	0.10
PL-8Q	Catalyst Mix Tank	VOC	0.9	0.1
PL-8R	Catalyst Storage Tank	VOC	0.71	1.55
PL-8S	Catalyst Waste Tank	VOC	0.05	0.08
PL-8T	Waste Solvent Tank	VOC	0.01	0.01
PL-8U	Catalyst Recycle Tank	VOC	0.08	0.15
PL-9B	G-Wax Vent	VOC	3.26	3.32
PL-9J	Pellet Dumpster	VOC	9.2	2.89
PL-10	Fume Abater	VOC	27.52	83.49
		NO _x	4.45	19.48
		CO	6.05	26.47
		PM	0.27	1.17
PL-12	Fume Abater	VOC	27.52	83.49
		NO _x	4.45	19.48

		CO	6.05	26.47
		PM	0.27	1.17
PL-22	Maintenance Flare	VOC	401.19	56.6
		NO _x	1.0	3.2
		CO	3.13	13.71
PL-F5	D Unit Fugitives (4)	VOC	14.63	64.08
PL-F6	G Unit Fugitives (4)	VOC	21.35	93.49
PLA-9A	Vinyl Acetate Tank	VOC	0.71	3.09
PLA-9B	Vinyl Acetate Tank	VOC	0.71	3.09
PLA-14	n-Butyl Acrylate Tank	VOC	0.96	0.46

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

- (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
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
PM - particulate matter
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

Dated_____