

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 19002

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, sources, and related activities. 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	
			lbs/hour	TPY (4)
A-218	Raw Material Storage Tank	VOC	0.08	0.01
B-216	Filter Receiver Storage Tank	VOC (6)	1.40	0.33
B-217	Filter Receiver Storage Tank	VOC (6)	1.40	0.33
C-214	Finished Product Storage Tank	VOC	0.61	0.15
K-F201	Plate and Frame Filter Press	VOC	0.06	0.15
		PM	0.08	0.1
K-F204	Plate and Frame Filter Press	VOC	0.06	0.15
		PM	0.08	0.1
X-201	Fume Incinerator	VOC (6)	0.37	0.49
		VOC (7)	0.37	0.50
		NO _x	0.66	0.89
		CO	0.55	0.75
		HCl	0.18	0.14
X-202	Flare	VOC (6)	7.38	0.81
		VOC (7)	7.43	0.83
		NO _x	1.70	0.10
		HCl	0.18	0.01
		CO	3.73	0.41

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AAA-LOAD	Alkarylamine Loading	VOC	0.37	0.27
PROTRILOAD	Recovered Propylene Trimer Loading	VOC	0.04	0.01
AAA-FUG	Fugitive Emissions (4)	VOC	0.39	1.71
FH-200	Hot Oil Heater	NO _x	0.12	0.54
		CO	0.1	0.45
		PM	0.01	0.04
		VOC	0.01	0.03
		SO ₂	0.02	0.08

- (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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- NO_x - total oxides of nitrogen
- SO₂ - sulfur dioxide
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) Effective prior to the installation of piping to convey emissions from B-216 and B-217 to X-201 or X-202
- (7) Effective after the installation of piping to convey emissions from B-216 and B-217 to X-201 or X-202

Date: _____