

Emission Sources - Maximum Allowable Emission Rates

Permit Number 5155A

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)
EPN-5	Absorber T-449	VOC	<0.01	<0.01
		Ammonia	0.132	0.01
EPN-6	Absorber T-450	VOC	0.15	0.60
EPN-7	Absorber T-451	VOC	0.82	3.23
EPN-8	Absorber T-452	VOC	0.05	0.21
EPN-9	Collected Solvent Tank	VOC	0.13	0.01
EPN-9A	Collected Solvent Tank Truck Loading	VOC	0.13	0.02
EPN-10	K-1 Mill	VOC	0.96	0.39
		Phosphoric Acid	<0.01	<0.01
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
EPN-11	A-1 Mill	VOC	0.05	0.02
EPN-12	Blower 13 Vent	VOC	0.03	0.10
EPN-31A	White Tank	VOC	0.09	<0.01
EPN-31B	Black Tank	VOC	0.09	<0.01
EPN-31C	3rd Slurry Tank	VOC	0.09	<0.01
EPN-32A	Finishing Solution Tank	VOC	0.07	<0.01
EPN-32B	KA-5 Tank	VOC	0.18	<0.01
EPN-32C	No. 2 Finishing Solution Tank	VOC	0.21	<0.01
EPN-70	KA-4 Tank	VOC	0.07	<0.01
EPN-81	Pre-Polymer Unloading	VOC	<0.01	<0.01
		VOC (6)	1.22	0.02

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EPN-82	Pre-Polymer Unloading	VOC	<0.01	<0.01
		VOC (6)	1.22	0.01
EPN-84	Portable Polymer Tanks	VOC	<0.01	<0.01
		VOC (6)	0.31	0.01
EPN-85	Ammonia Wash Tank	VOC	<0.01	<0.01
		VOC (7)	0.04	0.01
		Ammonia	<0.01	<0.01
		Ammonia (7)	0.66	0.55
EPN-88	Ammonia Parts Washer	VOC	<0.01	<0.01
		Ammonia	<0.01	<0.01
		Ammonia (7)	0.58	0.55
EPN-100	Bayport Plant Fugitive Emissions (5)	VOC	0.23	0.89
		Ammonia	<0.01	<0.01
EPN-101	Diesel Welding Machine	VOC	0.09	0.03
		NOx	1.08	0.39
		CO	0.23	0.08
		SO ₂	0.07	0.03
		PM	0.08	0.03
		PM ₁₀	0.08	0.03
		PM _{2.5}	0.08	0.03
EPN-102	Tenter Oven Doors Fugitives	VOC	0.06	0.22
EPN-103	Waste Sump	VOC	<0.01	<0.01
		Ammonia	0.04	0.01
EPN-104	Collected Waste Drums	VOC	0.01	<0.01

- (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 Title 30 Texas Administrative Code § 101.1
- PM - total particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.

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- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) These emission limits shall remain effective until these vents are successfully routed to Absorber T-451 (EPN-7) or within 365 days of issuance of this permit, whichever occurs earlier.
- (7) These emission limits shall remain effective until these vents are successfully routed to Absorber T-449 (EPN-5) or within 365 days of issuance of this permit, whichever occurs earlier.

Date: March 6, 2020