

Emission Sources – Maximum Allowable Emission Rates

Permit Number 38631

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	
			lb/hour	TPY (4)
CAS-TANK	Olefin Tank CAS 1 – T-120, T-621, T-130, T-135, T-145 and T-150	VOC	2.13	0.05
CAS-TANK2	Olefin Tank CAS 2 – T-3100 and T-3105	VOC	0.02	0.03
T-540	Glycol Storage Tank	VOC	0.02	<0.01
T-550	Glycol Storage Tank	VOC	0.06	-
T-555	Glycol Storage Tank	VOC	0.06	-
T-550 and T-555 Annual Cap		VOC	-	<0.01
T-570	Surfactant Storage Tank	VOC	0.27	<0.01
T-575	Alcohol Storage Tank	VOC	0.10	0.02
T-577	Aqueous Storage Tank	VOC	<0.01	-
T-578	Aqueous Storage Tank	VOC	<0.01	-
T-579	Aqueous Storage Tank	VOC	<0.01	-
T-580	Aqueous Storage Tank	VOC	<0.01	-
T-581	Aqueous Storage Tank	VOC	<0.01	-
T-582	Aqueous Storage Tank	VOC	<0.01	-
T-577 through T-582 Annual Cap		VOC	-	<0.01
T-583	Aqueous Storage Tank	VOC	<0.01	-
T-584	Aqueous Storage Tank	VOC	<0.01	-
T-583 and T-584 Annual Cap		VOC	-	<0.01
T-585	Aqueous Storage Tank	VOC	<0.01	<0.01
T-586	Non-Aqueous Storage Tank	VOC	0.16	0.18
T-587	Non-Aqueous Storage Tank	VOC	0.16	0.12
T-600	Aqueous Storage Tank	VOC	<0.01	-
T-601	Aqueous Storage Tank	VOC	<0.01	-
T-602	Aqueous Storage Tank	VOC	<0.01	-

T-600, T-601 and T-602 Annual Cap		VOC	-	<0.01
T-603	Aqueous Storage Tank	VOC	<0.01	-
T-604	Aqueous Storage Tank	VOC	<0.01	-
T-605	Aqueous Storage Tank	VOC	<0.01	-
T-606	Aqueous Storage Tank	VOC	<0.01	-
T-607	Aqueous Storage Tank	VOC	<0.01	-
T-608	Aqueous Storage Tank	VOC	<0.01	-
T-609	Aqueous Storage Tank	VOC	<0.01	-
T-610	Aqueous Storage Tank	VOC	<0.01	-
T-611	Aqueous Storage Tank	VOC	<0.01	-
T-603 through T-611 Annual Cap		VOC	-	<0.01
T-3520	Aqueous Storage Tank	VOC	<0.01	-
T-3521	Aqueous Storage Tank	VOC	<0.01	-
T-3522	Aqueous Storage Tank	VOC	<0.01	-
T-3523	Aqueous Storage Tank	VOC	<0.01	-
T-3524	Aqueous Storage Tank	VOC	<0.01	-
T-3520 through T-3524 Cap		VOC	-	<0.01
407Vent	Line 1 Powder Preparation	PM	0.03	-
		PM ₁₀	0.03	-
		PM _{2.5}	0.03	-
3408Vent	Line 2 Powder Preparation	PM	0.05	-
		PM ₁₀	0.05	-
		PM _{2.5}	0.05	-
407Vent and 3408Vent Annual Cap		PM	-	0.33
		PM ₁₀	-	0.33
		PM _{2.5}	-	0.33
Reactor	Reactors	VOC	0.10	0.42
D-500	Line 1 Batch Tank	VOC	0.31	1.35

		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
D-1500	Line 1 Batch Tank	VOC	0.31	1.35
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
D-520	Line 1 Batch Tank	VOC	0.31	1.35
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
D-1520	Line 1 Batch Tank	VOC	0.31	1.35
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
D-3500	Line 2 Batch Tank	VOC	0.31	1.35
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
D-3505	Line 2 Batch Tank	VOC	0.31	1.35
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
D-3510	Line 2 Batch Tank	VOC	0.31	1.35
		PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
L1CVS	Line 1 Central Vacuum System	PM	0.10	0.45
		PM ₁₀	0.10	0.45
		PM _{2.5}	0.10	0.45
FT-650	Line 1 Dust Collector	PM	0.15	0.64
		PM ₁₀	0.15	0.64
		PM _{2.5}	0.15	0.64
DC-01	Line 2 Central Vacuum System	PM	0.15	0.64
		PM ₁₀	0.15	0.64
		PM _{2.5}	0.15	0.64
DC-02	Line 2 Dust Collector	PM	0.15	0.64

		PM ₁₀	0.15	0.64
		PM _{2.5}	0.15	0.64
S-640	Line 1 Neutralization Sump	VOC	0.02	<0.01
S-3640	Line 2 Neutralization Sump	VOC	0.02	<0.01
LoadLossA	Product Truck Loading	VOC	2.40	-
LoadLossB	Product Container Loading	VOC	0.72	-
LoadLossA and LoadLossB Annual Cap		VOC	-	1.93
EquipFug	Equipment Fugitives (5)	VOC	0.99	4.36
FT-3445	Third Mill Baghouse	PM	0.14	0.62
		PM ₁₀	0.14	0.62
		PM _{2.5}	0.14	0.62

- (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.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.

Date: December 18, 2020