

Emission Sources - Maximum Allowable Emission Rates
Permit Number 114809 & N190

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)
LBCT	LB-1 Cooling Tower	PM	0.40	1.55
		PM ₁₀	0.25	0.98
		PM _{2.5}	<0.01	<0.01
LBFUG	LB-1 Process Fugitives (5)	VOC	0.91	3.98
LBRVE	Residual VOC Emissions	VOC	10.5 -	17.03
LBFLARE	LB-1 Flare	CO	341.02	38.99
		NO _x	73.45	8.03
		SO ₂	0.43	0.12
		VOC	472.01	34.72
	MSS Flaring	CO	412.45	---
		NO _x	83.03	---
LBFLARE with SB1126	LB-1 Flare	NO _x	73.45	8.03
		SO ₂	0.43	0.12
		VOC	467.35	33.76
LBWW	LB-1 WasteWater Flow	VOC	0.52	0.38
LBANALYZ	LB-1 Analyzers	VOC	0.01	0.01
MSS-LB1RM	LB-1 Routine Maintenance	VOC	2.63	<0.01
MSS-LB1RMA	LB1 MSS - Attachment A	VOC	1.25	0.01
		Tetrachloroethylene	1.26	0.04
MSS-LB1-VC	LB-1 Vessel Clearing	VOC	48.68	0.12
LBD103	Seal Oil Pot Vent	VOC	<0.01	<0.01
LBD108	Oil Drum Vent	VOC	0.01	0.01

Emission Sources - Maximum Allowable Emission Rates

LBF809	Extrusion System Filter	PM	0.13	0.56
		PM ₁₀	0.13	0.56
		PM _{2.5}	0.03	0.14
LBF807	Clean-up Vacuum System	PM	0.13	0.56
		PM ₁₀	0.13	0.56
		PM _{2.5}	0.03	0.14
LBF816	Bulk Additive Silo Filter	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
LBOHG	LB-1 Oil Hydraulic Guard D114	VOC	<0.01	<0.01
LBD817	Additive Drum Vent	VOC	<0.01	<0.01
PK814-1	Pneumatic Transfer Filter	PM	0.81	3.54
		PM ₁₀	0.81	3.54
		PM _{2.5}	0.20	0.88
PK814-2	Pneumatic Transfer Filter	PM	1.02	3.88
		PM ₁₀	1.02	3.88
		PM _{2.5}	0.26	0.97
BL980	Hopper Blower	PM	0.17	0.01
		PM ₁₀	0.17	0.01
		PM _{2.5}	0.04	<0.01

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 Title 30 Texas Administrative Code § 101.1
NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
PM	- total particulate matter, suspended in the atmosphere, including PM ₁₀ and PM _{2.5} , as represented
PM ₁₀	- 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
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.

Date: October 12, 2018