

Emission Sources - Maximum Allowable Emission Rates

Permit Number 147472

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)
Flare FS-801 Emissions				
B70F801	Propylene Dichloride Processing Unit Nos.1 and 2 Flare FS-801, Routine	CO	35.03	-
		NO _x	6.88	-
		SO ₂	1.21	-
		HRVOC	4.77	-
		VOC (6)	6.08	-
B70F801	FS-801 Flare, MSS	CO	250.74	-
		NO _x	48.67	-
		SO ₂	0.05	-
		HRVOC	216.42	-
		VOC (6)	5.38	-
B70F801	FS-801 Flare, Routine + MSS	CO	-	76.04
		NO _x	-	11.00
		SO ₂	-	0.15
		HRVOC	-	5.42
		VOC (6)	-	7.72
		VOC + HRVOC Cap	-	8.00

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Fugitives				
B68FU1	Propylene Dichloride Fugitives (5)	HCl	0.41	-
		HRVOC	1.51	-
		VOC (6)	1.03	-
B70FU1	B-7000 Flare Process Fugitives (5)	VOC (6)	0.27	-
		HRVOC	0.18	-
B68FU1 and B70FU1	Fugitive Emissions Source Group Cap (5)	VOC (6)	-	5.60
		HRVOC	-	7.32
		HCl	-	1.78
Routine Emissions Compliance Cap				
B68LE	Attachment A MSS Activities	VOC (6)	4.07	0.05
		HRVOC	0.32	0.04
		HCl	0.28	0.03
		CL ₂	0.12	0.01
		Acetone	1.60	0.02
B68MEFU1	Attachment B MSS Activities	VOC (6)	8.57	0.54
		HRVOC	7.71	0.39
		HCl	0.06	0.01
		CL ₂	0.03	0.01
		Acetone	0.01	0.01
B68MSS1	Attachment C MSS Activities	VOC (6)	32.45	1.82
		HRVOC	12.04	0.73
		HCl	1.81	0.07

- (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
HRVOC - highly reactive volatile organic compounds as defined in 30 TAC § 115.10

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NO _x	- total oxides of nitrogen
SO ₂	- sulfur dioxide
CO	- carbon monoxide
HCl	- hydrogen chloride
Cl ₂	- chlorine

- (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) VOC does not include HRVOC emissions.

Date October 23, 2019