

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 104144

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)
B39CT900 (5)	B-3900 Cooling Tower	VOC	0.87	-
		PM	0.16	-
		PM <sub>10</sub>	0.16	-
B39FU1 (5)	GMA & SPEN Process Area Fugitives	VOC	2.18	-
		Refrigerant	0.67	-
B39FU2 (5)	GMA & SPEN East Tank Farm Fugitives	VOC	0.20	-
B39FU3 (5)	GMA & SPEN West Tank Farm Fugitives	VOC	0.39	-
B39HB167 (5)	Polymer Filter	VOC	0.01	-
B39OS167 (5)	Process Sump	VOC	0.01	-
B39CT900, B39FU1, B39FU2, B39FU3, B39HB167, and B39OS167	Fugitive Emissions Source Group Cap (5)	VOC	-	11.59
		PM	-	0.12
		PM <sub>10</sub>	-	0.12
		Refrigerant	-	2.91
B39LR1	B-3900 Loading Activities #1	VOC	0.08	-
B39LR2	B-3900 Loading Activities #2	VOC	0.09	-
B39LR1, and B39LR2	Loading Emissions Source Group Cap	VOC	-	0.03
B39SV170	SV-170 Absorber	VOC	0.79	-
B39SV173	SV-173 Absorber	VOC	0.35	-
B39SV290	SV-290 Absorber	VOC	0.17	-

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B39SV170, B39SV173, and B39SV290	Absorber Emissions Source Group Cap	VOC	-	2.20
B39ST264	D-264 Tank Vent	VOC	0.15	-
B39ST70A	D-270A Tank Vent	VOC	0.20	-
B39ST70B	D-270B Tank Vent	VOC	0.20	-
B39ST75A	D-275A Tank Vent	VOC	0.24	-
B39ST75B	D-275B Tank Vent	VOC	0.24	-
B39ST801	D-801 Tank Vent	VOC	0.64	-
B39ST828	D-828 Tank Vent	VOC	0.04	-
B39WT257	D-257 Waste Water Tank Vent	VOC	0.09	-
B39ST264, B39ST70A B39ST70B, B39ST75A B39ST75B, B39ST801, B39ST828, and B39WT257	Storage Tank Emissions Source Group Cap	VOC	-	0.36
B39MSS1	GMA & SPEN MSS Activities	VOC	3.45	0.66
Routine Emissions Compliance Cap		VOC	5.13	12.39
		PM	0.16	0.12
		PM <sub>10</sub>	0.16	0.12
		Refrigerant	0.65	2.86

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- (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 PM<sub>10</sub> and PM<sub>2.5</sub>, as represented
- PM<sub>10</sub> - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>, as represented
- Refrigerant - R134a
- (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: July 3, 2013