

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 329A

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)
FGBU01	HCI Equipment Fugitives (5)	HCI	0.32	1.39
FGBU02	Truck and Railcar Loading Fugitives	HCI	0.33	0.34
GBD075	Dachtal Emergency Diesel Tank	VOC	0.01	0.01
GBD076	Dacthal Emergency Diesel Generator	NO <sub>x</sub>	6.63	0.33
		CO	1.43	0.07
		PM	0.47	0.02
		PM <sub>10</sub>	0.47	0.02
		PM <sub>2.5</sub>	0.47	0.02
		VOC	0.53	0.03
		SO <sub>2</sub>	0.44	0.02
GBU007	Fire Water Pump Diesel Fuel Tank No. 2	VOC	0.04	0.01
GBU008A	Fire Water Pump Diesel Fuel Tank No. 3	VOC	0.04	0.01
GBU008B	Fire Water Pump Diesel Fuel Tank No. 4	VOC	0.04	0.01
GBU008C	Fire Water Pump Diesel Fuel Tank No. 5	VOC	0.04	0.01
GBU035	Diesel Fire Water Pump No. 2	NO <sub>x</sub>	6.20	0.31
		CO	1.34	0.07
		PM	0.44	0.02
		PM <sub>10</sub>	0.44	0.02
		PM <sub>2.5</sub>	0.44	0.02
		VOC	0.49	0.02
		SO <sub>2</sub>	0.41	0.02

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GBU036A	Diesel Fire Water Pump No. 3	NO <sub>x</sub>	10.08	0.50
		CO	2.17	0.11
		PM	0.72	0.04
		PM <sub>10</sub>	0.72	0.04
		PM <sub>2.5</sub>	0.72	0.04
		VOC	0.80	0.04
		SO <sub>2</sub>	0.67	0.03
GBU036B	Diesel Fire Water Pump No. 4	NO <sub>x</sub>	13.18	0.66
		CO	2.84	0.14
		PM	0.94	0.05
		PM <sub>10</sub>	0.94	0.05
		PM <sub>2.5</sub>	0.94	0.05
		VOC	1.05	0.05
		SO <sub>2</sub>	0.87	0.04
GBU036C	Diesel Fire Water Pump No. 5	NO <sub>x</sub>	13.18	0.66
		CO	2.84	0.14
		PM	0.94	0.05
		PM <sub>10</sub>	0.94	0.05
		PM <sub>2.5</sub>	0.94	0.05
		VOC	1.05	0.05
		SO <sub>2</sub>	0.87	0.04
GBU041	Paint Area	VOC	92.40	6.65
		PM	3.23	0.19
		PM <sub>10</sub>	3.23	0.19
		PM <sub>2.5</sub>	3.23	0.19
GBU061	Abrasive Blasting Baghouse Stack	PM	0.36	0.37
		PM <sub>10</sub>	0.04	0.04

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		PM <sub>2.5</sub>	0.01	0.01
GBU062	Industrial Water Emergency Diesel Generator	NO <sub>x</sub>	11.16	0.56
		CO	2.40	0.12
		PM	0.79	0.04
		PM <sub>10</sub>	0.79	0.04
		PM <sub>2.5</sub>	0.79	0.04
		VOC	0.89	0.04
		SO <sub>2</sub>	0.74	0.04
GBU063	Industrial Water Emergency Diesel Tank	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
- NO<sub>x</sub>
  - total oxides of nitrogen
- SO<sub>2</sub>
  - sulfur dioxide
- 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
- PM<sub>2.5</sub>
  - particulate matter equal to or less than 2.5 microns in diameter
- CO
  - carbon monoxide
- HCl
  - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.

Date: May 4, 2018