

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 49041

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)
E-GU	Granule Unloading Fugitives (5)	PM	0.011	0.008
		PM <sub>10</sub>	0.005	0.004
		PM <sub>2.5</sub>	0.005	0.004
E-GS	Granule Silos Fugitives (5)  FINs: F-GHS01 through F-GHS06	PM	0.021	0.024
		PM <sub>10</sub>	0.01	0.012
		PM <sub>2.5</sub>	0.01	0.012
E-PDC	Plant Dust Collector Stack  FINs: F-SSAF, F-GHS07 through F-GHS10 and F-BHS03 through F-BHS05	CO	0.50	1.25
		PM	3.00	13.14
		PM <sub>10</sub>	3.00	13.14
		PM <sub>2.5</sub>	3.00	13.14
		VOC	1.30	3.23
E-PF	Plant Building Fugitives (5)  FINs: F-SRS06 through F-SRS12	PM	0.08	0.27
		PM <sub>10</sub>	0.04	0.13
		PM <sub>2.5</sub>	0.04	0.13
E-BU	Backing Unloading Fugitives (5)	PM	<0.001	<0.0001
		PM <sub>10</sub>	<0.001	<0.0001
		PM <sub>2.5</sub>	<0.001	<0.0001

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E-BSE	Backing Silo (East) Bin Filter Vent FIN: F-BSH01	PM	0.05	0.22
		PM <sub>10</sub>	0.05	0.22
		PM <sub>2.5</sub>	0.05	0.22
E-BSW	Backing Silo (West) Bin Filter Vent FIN: F-BSH02	PM	0.05	0.22
		PM <sub>10</sub>	0.05	0.22
		PM <sub>2.5</sub>	0.05	0.22
E-FU	Filler Unloading Fugitives (5)	PM	0.05	0.07
		PM <sub>10</sub>	0.02	0.03
		PM <sub>2.5</sub>	0.02	0.03
E-FSN	Filler Silo (North) Bin Filter Vent FIN: F-FSH01	PM	0.05	0.22
		PM <sub>10</sub>	0.05	0.22
		PM <sub>2.5</sub>	0.05	0.22
E-FSS	Filler Silo (South) Bin Filter Vent FIN: F-FHS02	PM	0.08	0.34
		PM <sub>10</sub>	0.08	0.34
		PM <sub>2.5</sub>	0.08	0.34
E-FUB	Filler Use Bin Dust Collector Stack	PM	0.06	0.26
		PM <sub>10</sub>	0.06	0.26
		PM <sub>2.5</sub>	0.06	0.26
E-FH	Filler Heater Dust Collector Stack FIN: F-FHS03	PM	0.09	0.38
		PM <sub>10</sub>	0.09	0.38
		PM <sub>2.5</sub>	0.09	0.38

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E-PH	Process Heater Stack	CO	0.59	2.60
		NO <sub>x</sub>	0.71	3.10
		PM	0.05	0.24
		PM <sub>10</sub>	0.05	0.24
		PM <sub>2.5</sub>	0.05	0.24
		SO <sub>2</sub>	<0.01	0.02
		VOC	0.04	0.17
E-ME1 or E-Tanks	Mist Eliminator 1 Stack or Downtime Tank Control Stack FINs: F-AST, F-LST, F-SST, F-AC, F-LUT, F-L1, F-L2, F-SA, F-SUT, F-HM, and F-VM	CO	1.58	2.63
		PM	0.24	0.43
		PM <sub>10</sub>	0.24	0.43
		PM <sub>2.5</sub>	0.24	0.43
		VOC	16.90	30.07
E-MS	Maintenance Shop Degreaser (5)	VOC	0.08	0.33
E-BV1 thru E-BV3	Building Vent No. 1 through building Vent No. 3 (5) FINs: F-LUT, F-L1, F-L2, F-SA, and F-PA	CO	<0.01	<0.01
		PM	0.46	1.15
		PM <sub>10</sub>	0.46	1.15
		PM <sub>2.5</sub>	0.46	1.15
		VOC	2.01	5.03
E-BV4 thru E-BV7	Building Vent No. 4 through building Vent No. 7 (5) FINs: F-CS & F-BHS03	PM	3.86	16.90
		PM <sub>10</sub>	1.29	5.63
		PM <sub>2.5</sub>	1.29	5.63
		VOC	2.87	7.13

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E-BV8 and E-BV10	Building Vent No. 8 and Building Vent No. 10 (5)  FINs: F-AC, F-FMU, F-GHS07 through F-GHS10, F-BHS03 through F-BHS05, and F-SRS01 through F-SRS05	CO	0.11	0.19
		PM	1.12	3.94
		PM <sub>10</sub>	1.12	3.93
		PM <sub>2.5</sub>	1.12	3.93
		VOC	1.22	2.17
Site Wide	All	Individual HAP	-	<10.0
		All HAP	-	< 25.0
Permit by rule (PBR) sources incorporated by reference. Sources remain authorized by the PBR(s) as listed below:				
106.433 Surface Coating				
BLDGFUG	Ink Jet Printing	VOC	<0.25	1.09

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

Date: December 8, 2017