

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 117883

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 (5)	
			lbs/hour	TPY (4)
NDC-1	Nuisance Dust Collector 1	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	0.01
NDC-7	Nuisance Dust Collector 7	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	0.01
NDC-8	Nuisance Dust Collector 8	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
NDC-9	Nuisance Dust Collector 9	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	0.11	0.21
NDC-10	Nuisance Dust Collector 10	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
NDC-11	Nuisance Dust Collector 11	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
NDC-12	Nuisance Dust Collector 12	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01

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NDC-13	Nuisance Dust Collector 13	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	0.01
		Exempt Solvent	1.89	6.44
PDC-1	Process Dust Collector 1	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	1.16
PDC-3	Process Dust Collector 3	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	0.01
		Exempt Solvent	3.31	0.93
PDC-4	Process Dust Collector 4	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	2.81
PDC-5	Process Dust Collector 5	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	0.99
PDC-6	Process Dust Collector 6	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	0.31
PDC-7	Process Dust Collector 7	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	0.31
PDC-8	Process Dust Collector 8	PM	<0.01	<0.01

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		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	2.81
PDC-9	Process Dust Collector 9	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	2.81
PDC-10	Process Dust Collector 10	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	1.41
PDC-11	Process Dust Collector 11	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	0.99
PDC-12	Process Dust Collector 12	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	2.81
PDC-13	Process Dust Collector 13	PM	<0.01	0.01
		PM <sub>10</sub>	<0.01	0.01
		PM <sub>2.5</sub>	<0.01	0.01
		Exempt Solvent	6.62	0.13
PDC-14	Process Dust Collector 14	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
		Exempt Solvent	3.31	6.62
PDC-15	Process Dust Collector 15	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01

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		Exempt Solvent	3.31	6.62
PDC-16	Process Dust Collector 16	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PDC-18	Process Dust Collector 18	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PDC-19	Process Dust Collector 19	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PDC-20	Process Dust Collector 20	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PDC-21	Process Dust Collector 21	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PDC-22	Process Dust Collector 22	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PDC-23	Process Dust Collector 23	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
PDC-24	Process Dust Collector 24	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
BLDG FUG	Building Fugitives	Exempt Solvent	14.27	18.75
MSS	Maintenance, Startup, and Shutdown	PM	<0.01	<0.01
		PM <sub>10</sub>	<0.01	<0.01
		PM <sub>2.5</sub>	<0.01	<0.01
All Emission Points at the Site	All Sources at the Site	Individual HAPS		<10.00
		Total HAPS		<25.00

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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) Exempt Solvent
  - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
  - 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>
  - PM<sub>10</sub>
    - total particulate matter equal to or less than 10 microns in diameter, including PM<sub>2.5</sub>
  - PM<sub>2.5</sub>
    - particulate matter equal to or less than 2.5 microns in diameter
  - 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) The allowable emission rates include planned maintenance, startup, and shutdown activities.

Date: February 22, 2018