

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 2694

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)
NSH1	New Smokehouse 1 (Burner and Smoker Unit) Stack	PM	0.14	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.14	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.11	--
		VOC	0.12	--
		CO	0.09	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.01	--
NSH2	New Smokehouse 2 (Burner and Smoker Unit) Stack	PM	0.19	--
		PM <sub>10</sub>	0.19	--
		PM <sub>2.5</sub>	0.19	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.11	--
		VOC	0.16	--
		CO	0.09	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.02	--
NSH3	New Smokehouse 3 (Burner and Smoker Unit) Stack	PM	0.14	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.14	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.11	--
		VOC	0.12	--

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		CO	0.09	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.01	--
NSH4	New Smokehouse 4 (Burner and Smoker Unit) Stack	PM	0.14	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.14	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.11	--
		VOC	0.12	--
		CO	0.09	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.01	--
NSH5	New Smokehouse 5 (Burner and Smoker Unit) Stack	PM	0.19	--
		PM <sub>10</sub>	0.19	--
		PM <sub>2.5</sub>	0.19	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.11	--
		VOC	0.16	--
		CO	0.09	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.02	--
OSH6	Old Smokehouse 6 (Burner and Smoker Unit) Stack	PM	0.19	--
		PM <sub>10</sub>	0.19	--
		PM <sub>2.5</sub>	0.219	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.07	--
		VOC	0.16	--
		CO	0.06	--
		HCHO	<0.01	--

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		CH <sub>3</sub> COOH	0.02	--
OSH7	Old Smokehouse 7 (Burner and Smoker Unit) Stack	PM	0.14	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.14	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.07	--
		VOC	0.11	--
		CO	0.06	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.01	--
OSH8	Old Smokehouse 8 (Burner and Smoker Unit) Stack	PM	0.14	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.14	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.07	--
		VOC	0.11	--
		CO	0.06	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.01	--
OSH9	Old Smokehouse 9 (Burner and Smoker Unit) Stack	PM	0.14	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.14	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.07	--
		VOC	0.11	--
		CO	0.06	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.01	--
OSH10	Old Smokehouse 10 (Burner and Smoker	PM	0.19	--

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		PM <sub>10</sub>	0.19	--
		PM <sub>2.5</sub>	0.19	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.07	--
		VOC	0.16	--
		CO	0.06	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.02	--
NSH11	New Smokehouse 11 (Burner and Smoker Unit) Stack	PM	0.19	--
		PM <sub>10</sub>	0.19	--
		PM <sub>2.5</sub>	0.19	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.11	--
		VOC	0.16	--
		CO	0.09	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.02	--
NSH12	New Smokehouse 12 (Burner and Smoker Unit) Stack	PM	0.14	--
		PM <sub>10</sub>	0.14	--
		PM <sub>2.5</sub>	0.14	--
		SO <sub>2</sub>	<0.01	--
		NO <sub>x</sub>	0.11	--
		VOC	0.12	--
		CO	0.09	--
		HCHO	<0.01	--
		CH <sub>3</sub> COOH	0.01	--
	Total Smokehouses Emissions	PM	--	3.05
		PM <sub>10</sub>	--	3.05
		PM <sub>2.5</sub>	--	2.95

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		SO <sub>2</sub>	--	0.03
		NO <sub>x</sub>	--	4.98
		VOC	--	2.49
		CO	--	4.18
		HCHO	--	0.07
		CH <sub>3</sub> COOH	--	0.23

- (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) 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
- SO<sub>2</sub> - sulfur dioxide
- NO<sub>x</sub> - total oxides of nitrogen
- VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
- CO - carbon monoxide
- HCHO - formaldehyde
- CH<sub>3</sub>COOH - acetic acid
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: November 1, 2016