

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 79395

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)
INC1	Therm TEC S-27-T Animal Carcass Incinerator	NO <sub>x</sub>	0.11	---
		CO	0.01	---
		VOC	0.11	---
		PM	0.07	---
		PM <sub>10</sub>	0.07	---
		PM <sub>2.5</sub>	0.07	---
		SO <sub>2</sub>	0.10	---
INC2	Therm TEC S-27-T Animal Carcass Incinerator	NO <sub>x</sub>	0.11	---
		CO	0.01	---
		VOC	0.11	---
		PM	0.07	---
		PM <sub>10</sub>	0.07	---
		PM <sub>2.5</sub>	0.07	---
		SO <sub>2</sub>	0.10	---
INC3	Therm TEC S-27-T Animal Carcass Incinerator	NO <sub>x</sub>	0.11	---
		CO	0.01	---
		VOC	0.11	---
		PM	0.07	---
		PM <sub>10</sub>	0.07	---
		PM <sub>2.5</sub>	0.07	---
		SO <sub>2</sub>	0.10	---
INC4	Therm TEC G-16-P Animal Carcass Incinerator	NO <sub>x</sub>	0.15	---
		CO	0.07	---
		VOC	0.15	---
		PM	0.07	---
		PM <sub>10</sub>	0.07	---
		PM <sub>2.5</sub>	0.07	---

Emission Sources - Maximum Allowable Emission Rates

		SO <sub>2</sub>	0.13	---
INC5	Therm TEC S-27-T Animal Carcass Incinerator	NO <sub>x</sub>	0.11	---
		CO	0.01	---
		VOC	0.11	---
		PM	0.07	---
		PM <sub>10</sub>	0.07	---
		PM <sub>2.5</sub>	0.07	---
		SO <sub>2</sub>	0.10	---
INC6	Therm TEC S-27-T Animal Carcass Incinerator	NO <sub>x</sub>	0.11	---
		CO	0.01	---
		VOC	0.11	---
		PM	0.07	---
		PM <sub>10</sub>	0.07	---
		PM <sub>2.5</sub>	0.07	---
		SO <sub>2</sub>	0.10	---
INC7	Therm TEC S-27-T Animal Carcass Incinerator	NO <sub>x</sub>	0.11	---
		CO	0.01	---
		VOC	0.11	---
		PM	0.07	---
		PM <sub>10</sub>	0.07	---
		PM <sub>2.5</sub>	0.07	---
		SO <sub>2</sub>	0.10	---
INC1 through INC7	Combined Annual Emission Cap for All 7 Incinerators	NO <sub>x</sub>	-	1.41
		CO	-	0.16
		VOC	-	1.41
		PM	-	0.85
		PM <sub>10</sub>	-	0.85
		PM <sub>2.5</sub>	-	0.85
		SO <sub>2</sub>	-	1.20

- (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

Emission Sources - Maximum Allowable Emission Rates

PM<sub>2.5</sub> - particulate matter equal to or less than 2.5 microns in diameter

CO - carbon monoxide

(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: May 9, 2014