

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 76509

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)
001	Pilger	VOC	0.09	0.20
002	Degreasing Unit	VOC	22.33	22.67
004A	Pickle A	HNO <sub>3</sub>	0.02	<0.01
		NO <sub>x</sub>	1.88	8.22
		HF	<0.01	<0.01
004B	Pickle B	HNO <sub>3</sub>	0.02	<0.01
		NO <sub>x</sub>	1.88	8.22
		HF	<0.01	<0.01
005	Cutting	PM	0.23	1.04
		PM <sub>10</sub>	0.23	1.04
		PM <sub>2.5</sub>	0.23	1.04
006	Boiler	CO	0.82	3.59
		NO <sub>x</sub>	0.36	1.58
		PM	0.07	0.31
		PM <sub>10</sub>	0.07	0.31
		PM <sub>2.5</sub>	0.07	0.31
		SO <sub>2</sub>	<0.01	0.03
		VOC	0.05	0.22
007	Bright Anneal	POC	0.03	0.02

- (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

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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>
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
CO	- carbon monoxide
HF	- hydrogen fluoride
HNO <sub>3</sub>	- nitric acid
POC	- products of combustion

(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: September 25, 2015