

## EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 38803

This table lists the maximum allowable emission rates and all sources of air contaminants covered by this permit.

### AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	<u>Emission Rates *</u>	
			lb/hr	TPY

#### Scenario 1: Miscellaneous cleaning and coatings operations other than Large Part (Pipe) operations (4)

CB4, CB5, CB6, CB7, CB8, CB10, and CB11, CO4, CO5, CO6, CO7, CO8, CO10, and CO11	7 Coating Booths, all emissions combined (CB11 is powder coating) and the oven drying/curing of those parts in the listed ovens, other than pipe coating operations.	VOC	3.00	2.37
CB4, CB5, CB6, CB7, CB8, CB10, and CB11	Coatings related PM emissions, other than pipe coating operations, all emissions combined.	PM <sub>10</sub>	0.07	0.05
CO4, CO5, CO6, CO7, CO8, CO10, and CO11	Oven based degreasing emissions, 0.55 all emissions combined.	VOC		0.54
GB3	Grit Blast Room 3	PM <sub>10</sub>	0.01	0.01
CO4, CO5, CO6, CO7, CO8, CO10, and CO11	7 Curing Ovens, all emissions from natural gas combustion combined.	PM <sub>10</sub>	0.09	0.40
		SO <sub>x</sub>	0.01	0.04
		NO <sub>x</sub>	1.19	5.20
		CO	1.00	4.37
		TOC	0.14	0.58

#### Scenario 2a: Large Part (Pipe) Cleaning and Coating Operations Control Option: No Add On VOC Controls (5)

CB8	Coating Booth 8 pipe coating operations only.	VOC	2.22	0.75
		PM <sub>10</sub>	0.03	<0.01
CO10	Drying oven emissions related to Pipe coating operations only.	VOC	3.03	2.22
BldgFug	Air dry of coated pipe	VOC	2.78	0.42
CO10 and AddnFug	Pipe degreasing operations, total of CO10 and AddnFug	VOC	--	1.61

CO10	Pipe degreasing operations	VOC	9.82	--
AddnFug	Pipe degreasing operations	VOC	2.07	--

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
AddnFug	Pipe Abrasive Blast Cleaning	PM <sub>10</sub>	0.01	0.01
Scenario 2b: Large Part (Pipe) Cleaning and Coating Operations Control Option: Add On VOC Controls (6)				
TherOx	Coating emissions from CB 8 and		VOC	1.64
	CO <sub>10</sub> , combined.	PM <sub>10</sub>	0.29 0.03	<0.01
	Thermal oxidizer emissions	PM <sub>10</sub>	0.04	0.16
	from natural gas combustion.	SO <sub>x</sub>	0.01	0.01
		NO <sub>x</sub>	0.49	2.15
		CO	0.41	1.80
		TOC	0.05	0.24
BldgFug	Air dry of coated pipe	VOC	2.78	0.42
CO <sub>10</sub> and AddnFug	Pipe degreasing operations, total of CO <sub>10</sub> and AddnFug	VOC	--	1.61
CO <sub>10</sub>	Pipe degreasing operations	VOC	9.82	--
AddnFug	Pipe degreasing operations	VOC	2.07	--
AddnFug	Pipe Abrasive Blast Cleaning	PM <sub>10</sub>	<0.01	<0.01
Scenario 3: Scenario 3: Sitewide Limitations (7)				
Sitewide	Site wide combined HAP emissions		HAP	--
	<25.00	Site wide any single HAP emissions		--
	<10.00			

(1) Emission point identification

(2) Specific point source name

(3) VOC - volatile organic compounds (as defined in Title 30 Texas Administrative Code § 101.1).

TOC - total organic compounds, not categorized elsewhere, from fuel gas combustion

NO<sub>x</sub> - total oxides of nitrogenSO<sub>x</sub> - sulfur oxidesPM<sub>10</sub> - particulate matter less than or equal to 10 microns in size.

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

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- (4) Miscellaneous coatings operations are those that do not include the Large Part (Pipe) coating operations.
- (5) Large Part (Pipe) Coating Operations Control Option Number 1: No Add On VOC Controls. This option establishes emissions limitations where compliance with the Chapter 115 limitations related to Surface coating operations are to be met without add-on controls.
- (6) Large Part (Pipe) Operations Control Option Number 2: Add On VOC Controls. This option establishes emissions limitations where compliance with the Chapter 115 limitations related to Surface coating operations are to be met with add-on controls.
- (7) Scenario 3: Sitewide Limitations apply at all times to all sources combined on the site.

\* Facilities may operate:

24 Hrs/day 7 Days/week 52 Weeks/year

Dated August 31, 2009