

# EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Nos. 1966 and **PSD-TX-967**

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. 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 *	
			lb/hr	TPY
<b>EYFBLRST</b>	<b>F-Boiler Stack</b>	<b>CO</b>	<b>23.9</b>	<b>88.9</b>
		<b>NO<sub>x</sub></b>	<b>25.9</b>	<b>97.2</b>
		<b>PM/PM<sub>10</sub></b>	<b>2.76</b>	<b>12.1</b>
		<b>SO<sub>2</sub></b>	<b>0.22</b>	<b>0.96</b>
		<b>VOC</b>	<b>1.64</b>	<b>6</b>

[Emission rates preliminary and subject to change.]

<b>EY003ST</b>	<b>C-Boiler Stack</b>	<b>CO</b>	<b>26.9</b>	<b>117.7</b>
		<b>NO<sub>x</sub></b>	<b>38.4</b>	<b>168.2</b>
		<b>PM/PM<sub>10</sub></b>	<b>4.9</b>	<b>21.5</b>
		<b>SO<sub>2</sub></b>	<b>4.56</b>	<b>20.0</b>
		<b>VOC**</b>	<b>1.01</b>	<b>4.44</b>
		<b>Aluminum</b>	<b>4.9</b>	<b>21.5</b>
		<b>Antimony</b>	<b>0.3</b>	<b>1.31</b>
		<b>Arsenic</b>	<b>0.0162</b>	<b>0.071</b>
		<b>Barium</b>	<b>1.75</b>	<b>7.67</b>
		<b>Beryllium</b>	<b>0.001</b>	<b>0.0045</b>
		<b>Cadmium</b>	<b>0.0394</b>	<b>0.173</b>
		<b>Chromium (VI)</b>	<b>0.00672</b>	<b>0.0295</b>
		<b>Chromium (others)</b>	<b>0.0672</b>	<b>0.295</b>
		<b>Copper</b>	<b>0.40</b>	<b>1.75</b>
		<b>Iron</b>	<b>1.38</b>	<b>6.04</b>
		<b>Lead</b>	<b>0.06</b>	<b>0.263</b>
		<b>Mercury</b>	<b>0.10</b>	<b>0.438</b>
		<b>Selenium</b>	<b>0.139</b>	<b>0.609</b>
		<b>Silver</b>	<b>0.03</b>	<b>0.149</b>
		<b>Thallium</b>	<b>0.35</b>	<b>1.53</b>
		<b>Zinc</b>	<b>3.0</b>	<b>13.1</b>

[EY003ST replaces EY003ST, as you represented.]

<b>EY003TK</b>	<b>Tank D5.0027</b>	<b>VOC</b>	<b>0.23</b>	<b>0.19</b>
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[EY003TK replaces EY003TK, as you represented.]

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates *	
			lb/hr	TPY
EYWOTRKL	Truck Loading Rack	VOC	0.35	0.033
<b>EY004FE</b>	Fugitives (4)	VOC	7.85	34.64
<b>[EY004FE replaces EY004FE, as you represented.]</b>				
<b>EY004ST</b>	<b>D-Boiler Stack</b>	<b>CO</b>	<b>14.7</b>	<b>16.1</b>
		<b>NO<sub>x</sub></b>	<b>72.5</b>	<b>132</b>
		<b>PM/PM<sub>10</sub></b>	<b>8.54</b>	<b>12.5</b>
		<b>SO<sub>2</sub></b>	<b>5.57</b>	<b>0.368</b>
		<b>VOC</b>	<b>6.</b>	<b>9.2</b>
EYEBLRST	E-Boiler Stack	CO	29.3	64.3
		NO <sub>x</sub>	12.0	35.0
		PM/PM <sub>10</sub>	1.49	6.53
		SO <sub>2</sub>	0.12	0.526
		VOC	1.08	4.72

- (1) Emission point identification - either specific equipment designation or emission point number from a plot plan.
- (2) Specific point source names. For fugitive sources use area name or fugitive source name.
- (3) CO - carbon monoxide  
NO<sub>x</sub> - total oxides of nitrogen  
PM - particulate matter suspended in the atmosphere, including PM<sub>10</sub>  
PM<sub>10</sub> - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.  
SO<sub>2</sub> - sulfur dioxide  
VOC - volatile organic compounds as defined in 30 Texas Administrative Code Section 101.1
- (4) Fugitive emissions are an estimate only.

\* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day 24 Days/week 7 Weeks/year 52 or Hrs/year 8,760

\*\* See Attachment A for list of approved chemicals and constituent chemicals.