

# Emission Sources - Maximum Allowable Emission Rates

Permit Number 38095

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	
			lbs/hour	TPY (4)
HEBG	High Explosive Burn Pan	PM	50	73
		PM <sub>10</sub>	50	73
		PM <sub>2.5</sub>	50	73
		K <sub>2</sub> CO <sub>3</sub>	50	73
		Fe <sub>2</sub> O <sub>3</sub>	3.4	4.9
		B <sub>2</sub> O <sub>3</sub>	1.5	2.2
		Sb	1.0	1.5
		Cr <sub>2</sub> O <sub>3</sub>	0.86	1.3
		NiO	0.82	1.2
		Ba	0.38	0.55
		Ce <sub>2</sub> O <sub>3</sub>	0.25	0.37
		Pb	1.2	0.0075
		Hg	0.0007	0.001
		SO <sub>2</sub>	20	29
		CO	8.5	12
		NO <sub>x</sub>	2.6	3.8
		H <sub>2</sub> SO <sub>4</sub>	0.94	1.4
		H <sub>2</sub> S	0.44	0.64
		VOC	0.07	0.10
B-46-DG1	Conveyorized Ultrasonic Degreaser 1	VOC	2.54	5.08
		Exempt Solvent	7.62	15.23
B-46-DG2	Conveyorized Ultrasonic Degreaser 2	VOC	2.54	5.08
		Exempt Solvent	7.62	15.23
B-46-DG3	Conveyorized Ultrasonic Degreaser 3	VOC	2.54	5.08
		Exempt Solvent	7.62	15.23
B-46-DG5	Conveyorized Ultrasonic Degreaser 5	VOC	2.54	5.08

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		Exempt Solvent	7.62	15.23
I-30-DGI	Batch Degreaser for I-30 M223 Fuze Production	VOC (TCE)	7.03	7.03

- (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>  
 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  
 K<sub>2</sub>CO<sub>3</sub> - potassium carbonate  
 Fe<sub>2</sub>O<sub>3</sub> - iron oxide  
 B<sub>2</sub>O<sub>3</sub> - boric oxide  
 Sb - antimony  
 Cr<sub>2</sub>O<sub>3</sub> - chromic oxide  
 NiO - nickel oxide  
 Ba - barium  
 Ce<sub>2</sub>O<sub>3</sub> - cerium (III) oxide  
 Pb - lead  
 Hg - mercury  
 SO<sub>2</sub> - sulfur dioxide  
 CO - carbon monoxide  
 NO<sub>x</sub> - total oxides of nitrogen  
 H<sub>2</sub>SO<sub>4</sub> - sulfuric acid  
 H<sub>2</sub>S - hydrogen sulfide  
 VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1  
 TCE - trichloroethylene  
 Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.
- (4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period.

Date: September 11, 2013