

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 24575

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)	<u>Emission Rates</u>	
			lb/hr	TPY(4)
01GENER	Natural Gas-Fired Emergency Power Generator	NO _x	1.68	0.73
		CO	2.82	1.24
		PM	0.01	<0.01
		VOC	0.02	<0.01
		SO ₂	<0.01	<0.01
01STEAMERS	Six Natural Gas-Fired Steamers and Two Diesel-Fired Steamers	NO _x	0.64	0.97
		CO	0.43	0.64
		PM	0.05	0.08
		VOC	0.03	0.05
		SO ₂	1.36	2.03
01006	Welding Operations	PM	<0.01	0.02
		Cr	<0.01	<0.01
		Cr(VI)	<0.01	<0.01
		Co	<0.01	<0.01
		Mn	<0.01	<0.01
		Ni	<0.01	<0.01
		Pb	<0.01	<0.01
O/W-SEP-01	Paint Booth Oil Water Separator and Sump	VOC	0.40	0.02
O/W-SEP-02	Production Test Pad Oil Water Separator and Sump	VOC	0.40	0.02
O/W-SEP-03	Engineering Test Pad Oil Water Separator and Sump	VOC	0.79	0.04
TKS-01-UO	2,000-Gallon Used Oil Tank	VOC	<0.01	<0.01
TKS-17-EG	1,500-Gallon Ethylene	VOC	0.24	<0.01

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Glycol Tank				
TKS-02-HYD	4,000-Gallon Hydraulic Oil Tank	VOC	<0.01	<0.01
TKS-03-DSL	10,000-Gallon Diesel Tank	VOC	0.42	<0.01
TKS-05-RDS	1,500-Gallon Diesel Tank	VOC	0.06	<0.01
TKS-06-Oil, TKS-07-Oil, TKS-08-Oil, and TKS-09-Oil	250-Gallon Lubricating Oil Bulk Totes	VOC	<0.01	<0.01
TKS-10-EG	250-Gallon Ethylene Glycol Tote	VOC	<0.01	<0.01
TKS-11-SDE	1,000-Gallon Hydraulic Oil Bulk Tank	VOC	<0.01	<0.01
TKS-12-SDE	320-Gallon Ethylene Glycol Mix Bulk Tank	VOC	0.05	<0.01
TKS-13-SDE, TKS-14-SDE, TKS-15-SDE, and TKS-16-SDE	320-Gallon Lubricating Oil Bulk Tanks	VOC	0.72	<0.01
TKP-MR-01, TKP-MR-02, TKP-MR-03, TKP-MR-05, TKP-MR-06, TKP-IS-07, TKP-MR-08, TKP-IS-09, TKP-DPH-10, TKP-DPH-12, and TKP-DPH-13	120-Gallon In Process Lubricating Oil Tanks	VOC	0.72	<0.01

120-Gallon In Process Hydraulic

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TKP-ET-14	Oil Tank	VOC	<0.01	<0.01
TKP-DPH-11	120-Gallon In Process Diesel Fuel Tank	VOC	<0.01	<0.01
TKP-LBH-15	275-Gallon In Process Diesel Fuel Tank	VOC	0.01	<0.01
01001A and 01001B	Old Paint Booth (OPB) Spray Painting	VOC	27.40	18.60
		PM	0.10	0.02
01002A, 01002B, 01002C, and 01002D	New Paint Booth (NPB) Spray Painting	VOC	54.80	43.30
		PM	0.19	0.04
01008A	Maintenance Fugitives	VOC	0.34	0.65
		PM	0.11	0.20
01009A	Aerosol Fugitives	VOC	3.01	5.40
		PM	0.40	0.71
SITEWIDE		Individual HAP		<10.00 (5)
		Total HAPs		<25.00

(1) Emission point identification.

(2) Specific point source names.

(3) NO_x - total oxides of nitrogen

CO - carbon monoxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter

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VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
SO₂ - sulfur dioxide
Cr - chromium
Cr(VI) - chromium +6 valence state
Co - cobalt
Mn - manganese
Ni - nickel
Pb - lead
HAP(s) - hazardous air pollutant(s)

- (4) Compliance with annual emission limits is based on a rolling 12-month period.
- (5) This HAP limit is being included so that a Title V permit is not required; but due to the the U.S. Environmental Protection Agency's once-in, always-in policy, the requirements of Title 40 Code of Federal Regulations Part 63, Subpart MMMM (Surface Coating of Miscellaneous Metal Parts and Products), remains applicable because the final compliance date passed without inclusion of an enforceable HAP limit in the permit.

Dated February 9, 2010