

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 25445

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

AIR CONTAMINANTS DATA

Emission *	Source	Air Contaminant	<u>Emission Rates</u>	
Point No. (1)	Name (2)	Name (3)	lb/hr	TPY(4)
NH-1	North Hanger	VOC	166.00	38.95
		PM 0.33	0.11	
		Exempt Solvent	118.20	7.07
MH-1	Main Hanger	VOC	2.59	3.00
		PM <0.01	<0.01	
		Exempt Solvent	9.36	2.15
WH-1	West Hanger	VOC	2.59	3.00
		PM <0.01	<0.01	
		Exempt Solvent	9.36	2.15
BB1-1	Back Shop Paintbooth 1	VOC	6.93	5.00
		PM <0.01	<0.01	
		Exempt Solvent	10.35	2.39
BB2-1	Back Shop Paintbooth 2	VOC	6.93	5.00
		PM <0.01	<0.01	
		Exempt Solvent	10.35	2.39
NR-1	North Ramp	VOC	3.96	0.50
		PM <0.01	<0.01	
		Exempt Solvent	0.56	0.03
SR1	South Ramp	VOC	3.96	0.50
		PM <0.01	<0.01	
		Exempt Solvent	0.56	0.03
WR1	West Ramp	VOC	3.96	0.50
		PM <0.01	<0.01	
		Exempt Solvent	0.56	0.03
PW	Wash Rack	VOC	0.20	1.22

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(1) Emission point identification.

(2) Specific point source name.

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

PM - particulate matter, suspended in atmosphere, including PM₁₀

PM₁₀ - 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.

Exempt Solvent - volatile compounds including 1,1,1-trichloroethane, dichloromethane, ammonium hydroxide, and formic acid.

(4) Rates for 12-consecutive month period in which facility may operate.

* The facilities may operate:

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

Dated November 30, 2000

APPENDIX A - Speciated Flexibility List

Permit No. 25445

COMPOUND	CAS #	ESL [µg/m³]	Max lb/hr
Acetone	67-64-1	5,900	84.10
Acrylic copolymer	141-32-2	183	4.12E-03
Aliphatic petroleum distillate	8052-41-3	3,500	18.19
Aliphatic solvent naptha	N/A	2,450	97.76
Alkylbenzene	68648-87-3	1,230	48.36
Ammonium hydroxide	1336-21-6	20	0.06
Antimony oxide	1309-64-4	5	1.12E-03
Aromatic hydrocarbon A	64742-95-6	1,230	101.96
Aromatic hydrocarbons	64742-94-5	4,200	5.93
Aromatic solvent	64741-68-0	1,230	4.39
Benzotriazoid derivative	127519-17-9	100	7.64
Benzyl alcohol	100-51-6	500	193.45
Benzyl dimethylamine	103-83-3	108	3.16E-04
Benzyl formate	104-57-4	490	145.09
Butoxyethanol, 2-	111-76-2	240	23.97
Butyl acetate	123-86-4	950	38.94
Butyl alcohol	71-36-3	1,220	26.65
Cadmium	7440-43-9	0.1	4.13E-03
Crystalline silica	14464-46-1	0.5	1.38E-03
Cello solve acetate	111-15-9	270	109.93
Cyclohexanone	108-94-1	481	50.01
Diacetone alcohol	123-42-2	1,330	13.77
Dichloromethane	75-09-2	260	18.27
Diisobutyl ketone	108-83-8	639	28.74
Dipropylene glycol methyl ether acetate	88917-22-0	2,750	3.37
D'limonene	138-86-3	1,700	0.86
Epoxy resin	25036-25-3	40	1.31E-03
Ethanol	64-17-5	18,800	55.44
Ethyl 3-ethoxypropionate	763-69-9	400	14.95
Ethyl acetate	141-78-6	14,400	25.51
Ethyl hydroxy propionate	97-64-3	1,390	14.32
Fluorides	16984-48-8	4.9	1.25E-01
Formic acid	64-18-6	94	0.40
Hexamethylene diisocyanate	822-06-0	0.34	6.52E-04
Hexane methylene diisocyanate,1,6-	822-06-0	0.34	1.54E-04
Isoparaffinic hydrocarbons	64742-96-7	2,450	9.30
Isopropanol	67-63-0	7,856	55.94
Isopropylidenediphenol (epoxy resin)	25036-25-3	40	3.43E-03
m-Xylene diamine	1477-55-0	1	6.30E-04
Methanol	67-56-1	2,620	2.54
Methoxy 2-propanol acetate, 1-	108-65-6	2,750	38.78
Methyl-n 2-pyrrolidone	872-50-4	1100	12.14
Methyl amyl ketone	110-43-0	94	22.93
Methyl propyl ketone	107-87-9	5,300	10.65
Naphtha solvent	64742-95-6	1,230	1.66
Naphthenic mineral oil	64742-03-6	3,500	48.81
Nitroethane	79-24-3	3,070	4.78

APPENDIX A - Speciated Flexibility List
 Permit No. 25445
 Page 2

Nitropropane,1-	108-03-2	910	7.17
Pentanedione,2,4- (Acetylacetone)	123-54-6	835	11.06
Phosphate ester	29761-21-5	30	5.05
Phosphoric acid	7664-38-2	10	.50
Propoxypropanol (propylene glycol monopropyl ether)	1569-01-3	1,280	3.09
Propylene glycol butyl ether	38229-09-8	730	12.68
Propylene glycol monomethyl ether	107-98-2	3,690	45.23
Propylene glycol monomethyl ether acetate	108-65-6	2,750	31.67
Pseudocumene	95-63-6	1,250	13.25
Salicylic acid	69-72-7	50	3.00E-04
Sepacate,bis-	41556-26-7	50	11.17
Stoddard solvent	8052-41-3	3,500	1.66
Tetrahydrofuran	109-99-9	5,900	20.16
Trichloroethane, 1,1,1-	71-55-6	10,800	77.31
Trimethylbenzene, 1,2,4-	25551-13-7	1,250	10.96
Trimethylpentanediolmonoisobutyrate	25265-77-4	835	3.78
Xylene diamine	1477-55-0	1	6.30E-04

Dated November 30, 2000

**APPENDIX A - Speciated Flexibility List
Hazardous Air Pollutant (HAP)**

Permit No. 25445

COMPOUND	CAS #	ESL [µg/m ³]	Max HAP lb/hr	Max HAP TPY
Ethyl benzene	100-41-4	2,000	17.74	0.68
Ethylene glycol	107-21-1	260	13.25	0.79
Methyl ethyl ketone	78-93-3	3,900	89.09	4.86
Methyl isobutyl ketone	108-10-1	2,050	33.34	0.86
Nitropropane, 2-	79-46-9	50	5.54	0.31
Toluene	108-88-3	1,880	87.27	3.74
Xylene	1330-20-7	3,700	149.35	8.37

Dated November 30, 2000