EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

19156

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* lbs/hr	TPY
POINT SOURCE EMISSIONS 7,056 HOURS OF OPERATION PER YEAR				
348, 352, 353	Body Bonderite	VOC	3.9	10.6
349, 350, 351, 77, 78, 157, 158	Sheet Metal Bonderite	VOC	0.5	1.4
		NOx	0.1	0.1
		CO	0.1	0.1
		PM	0.1	0.1
		SO_2	0.1	0.1
303, 304, 305	Sheet Metal Elpo Oven	VOC	4.9	11.9
		NOx	1.1	2.6
		CO	0.3	0.6
		PM	0.1	0.1
		SO_2	0.1	0.1
300, 301	Sheet Metal Elpo Tank	VOC	1.2	2.7
354, 192, 88, 87, 86, 85 84, 83, 82, 81, 80	Body Elpo Tank	VOC	5.4	14.0
382, 383, 384, 385, 386, 54 56, 57, 58, 59	Body Elpo Oven	VOC	20.8	54.0
		NOx	2.9	7.0
		CO	0.7	1.8
		PM	0.1	0.1
		SO_2	0.1	0.1
355, 356, 104,	Primer Surfacer	VOC	64.4	160.4

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
103, 102, 101, 100, 99, 98, 97, 96, 95, 94, 93	Booth	PM	6.7	18.5
64, 373, 374, 375, 376, 377, 378, 379	Primer Surfacer Oven	VOC	35.8	90.2
		NOx	3.9	9.6
		CO	1.0	2.4
380, 381, 381A	PM	0.1	0.1	
		SO_2	0.1	0.1
372, 371, 370 369, 368	Wet Sand Oven	VOC	0.1	0.1
		NOx	1.7	4.0
		CO	0.4	1.0
		PM	0.1	0.1
		SO_2	0.1	0.1
321	Base Coat Booths Stack	VOC	1501.7	1451.4
		NOx	10.8	413.3
		CO	2.7	13.3
		PM	3.7	4.1
		SO_2	0.1	0.1
320	Clear Coat Booths and Ovens	VOC	110.0	98.2
		NOx	24.7	50.9
		CO	6.2	63.6
		PM	23.0	28.9
		SO_2	0.1	0.1
4, 5, 322	Dulux Booth and IR Oven	VOC	8.1	5.2
		PM	0.9	0.7
361, 362, 363, 364, 365	Final Repair Booth	VOC	25.3	10.9
		PM	1.3	0.4
358, 366	Final Repair Conv.	VOC	6.3	2.7

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
	Oven	NOx	0.6	1.3
	Final Repair IR	CO	0.2	0.3
	Oven	PM	0.1	0.2
		SO_2	0.1	0.1

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
POINT SOURCE EMISSIONS				
8,784 HOURS OF OPERATION PER YEAR				
163	North Boiler (fuel oil 720 hrs. and Natural gas 8,064 hrs.)	VOC	N/A	0.9
		NOx	N/A	46.1
		CO	N/A	11.5
		PM	N/A	0.9
		SO_2	N/A	8.5
164	Center Boiler (fuel oil 720 hrs. and Natural gas 8,064 hrs.)	VOC	N/A	0.9
		NOx	N/A	46.1
		CO	N/A	11.5
		PM	N/A	0.9
		SO_2	N/A	8.5
165	South Boiler (fuel oil 720 hrs. and Natural gas 8,064 hrs.)	VOC	N/A	0.9
		NOx	N/A	46.1
		CO	N/A	11.5
		PM	N/A	0.9
		SO_2	N/A	8.5
163	North Boiler (fuel oil; 720 hrs.)	VOC	0.2	0.1
		NOx	10.8	3.9
		CO	2.7	1.0
		PM	1.1	0.4
		SO_2	23.1	8.3
164	Center Boiler (fuel oil; 720 hrs.)	VOC	0.2	0.1
		NOx	10.8	3.9
		CO	2.7	1.0
		PM	1.1	0.4
		SO_2	23.1	8.3
165	South Boiler (fuel oil; 720 hrs.)	VOC	0.2	0.1
		NOx	10.8	3.9
		CO	2.7	1.0
		PM	1.1	0.4

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
		SO_2	23.1	8.3

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
163	North Boiler (natural gas 8,784 hrs.)	VOC	0.2	1.0
		NOx	10.5	46.0
		CO	2.6	11.5
		PM	0.1	0.5
		SO_2	0.1	0.2
164	Center Boiler (natural gas 8,784 hrs.)	VOC	0.2	1.0
		NOx	10.5	46.0
		CO	2.6	11.5
		PM	0.1	0.5
		SO_2	0.1	0.2
165	South Boiler (natural gas 8,784 hrs.)	VOC	0.2	1.0
		NOx	10.5	46.0
		CO	2.6	11.5
		PM	0.1	0.5
		SO_2	0.1	0.2
191	Maintenance Paint Booth	VOC	10.0	1.2
		PM	0.1	0.1
503, 504, 505, 448	BC/CC Mix Room	VOC	8.1	36.0
446, 447	SEO Rooms 1 and 2	VOC	5.4	18.0
180	Propane Flare	VOC	0.1	0.1
		NOx	0.1	0.1
		CO	0.1	0.1
		PM	0.1	0.1
		SO_2	0.1	0.1
182, 184, 182A, 185A	Tank Farm Gasoline Tanks No. 1, 4, 6 and 9	VOC	8.0	10.7
397	Tank Farm Tank No. 2 Antifreeze	VOC	0.1	0.1

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
183	Tank Farm Tank No. 3 Automatic Transmission Fluid	VOC	0.1	0.1
186	Tank Farm Tank No. 7	VOC	0.1	0.1

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates* lbs/hr	TPY
185	Tank Farm Tank No. 5 Purge Thinner	VOC	1.0	2.1
187	Tank Farm Tank No. 8 Rear Axle Oil	VOC	0.1	0.1
188	Tank Farm Tank No. 10 Power Steering Fluid	VOC	0.1	0.1
400, 401, 402, 403, 404, 405	Fuel Oil Tanks No. 1, 2, 3, 4, 5 and 6	VOC	0.6	0.6
406	500 Gallon Gasoline UST	VOC	0.1	0.1
413	Oil Paint Mix Paint Slop Tank	VOC	0.1	0.1
414	Oil Paint Mix Purge Thinner Tank	VOC	0.1	0.1
440	B/C Purge Thinner Tank	VOC	1.0	2.1
339	B/C Cleaning Thinner Tank	VOC	1.0	2.1
323	Kolene Area Vent	VOC	0.1	0.1
327	Kolene Baghouse	VOC	5.0	0.1
		PM	10.0	4.5
323	Kolene Burners	VOC	0.1	0.1
		NOx	0.4	0.8
		CO	0.1	0.1
		PM	0.1	0.1
		SO_2	0.1	0.1

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

173	Miscellaneous Plant-Wide Production Operations	VOC	487.3	587.4

(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) VOC - volatile organic compounds as defined in General Rule 101.1
NOx - total oxides of nitrogen
CO - carbon monoxide
PM - particulate matter
SO_2 - sulfur dioxide

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

Hrs/day___Days/week____Weeks/year__or Hrs/year 8,760

Revised_____