EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 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 * lb/hr	TPY
Pre-Phosphate Washers and Phosphate System				
500	Phosphate Entry Air Seal	VOC	6.42	10.0
501	Phosphate Immersion Cleaner	VOC	6.42	10.0
502	Phosphate Immersion	VOC	6.42	10.0
Prime Coat System (ELPO)				
503	ELPO Immersion Tank	VOC	3.58	5.58
504	ELPO Oven Exit Air Seal	VOC	0.40	0.62
505	ELPO Oven Exhaust Canopy - POC	VOC	0.1	0.3
		NO_x	4.8	13.1
		CO	1.2	3.1
		PM	0.1	0.2
		SO_2	0.1	0.1
505	ELPO Oven Exhaust Canopy - Coating Emissions	VOC	0.80	1.24
506, 507	ELPO Oven Forced Air Cooler	VOC	0.2	0.31

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
Primer/Surfacer				
512	Primer/Surfacer Oven Burner - Radiant Zone	VOC	0.06	0.13
		NO_x	2.3	5.9
		CO	0.57	1.5
		PM	0.06	0.06
		SO_2	0.06	0.06
513	Primer/Surfacer Oven Burner - Convection Zone 3.5	VOC	0.04	0.07
		NO_x		1.3
		CO	0.33	0.88
		PM	0.04	0.04
		SO_2	0.04	0.04
514	Primer/Surfacer Oven Exit Air Seal	VOC	2.82	3.52
Topcoat System				
321	Base Coat Booths Stack - POC	VOC	0.51	0.66
		NO_x	16.3	32.9
		CO	4.1	8.1
		PM	0.82	1.75
		SO_2	0.5	0.5
321	Base Coat Booths Stack - Coating	VOC	720.0	680.0
		PM	14.9	19.6

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AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
320	Clear Coat Booths and Ovens - POC	VOC	0.49	0.99
		NO_x	24.7	50.4
		CO	6.2	12.8
		PM	0.27	0.54
		SO_2	0.1	0.7
320	Clear Coat Booths and Ovens - Coating	VOC	200.0	79.0
		NO_x	9.1	12.2
Black-Out/Deadner				
153, 154, 155, 156	Black-Out/Deadner Booth	VOC	2.96	4.0
		PM	0.01	0.01
361, 362, 363, 364, 365	Final Repair/Spot Repair Booth	VOC	9.0	2.85
		PM	0.51	0.18
358	Final Repair/Spot Repair Radian Oven - POC	VOC	0.01	0.04
		NO_x	0.3	0.7
		CO	0.1	0.2
		PM	0.1	0.1
		SO_2	0.1	0.1
358	Final Repair/Spot Repair Radiant Oven - Coating Emissions	VOC	1.8	0.6
366	Final Repair/Spot Repair Convection Oven - POC	VOC	0.01	0.04
		NO_x	0.3	0.7
		CO	0.1	0.2
		PM	0.1	0.1
		SO_2	0.1	0.1
366	Final Repair/Spot Repair Convection Oven -	VOC	1.8	0.6

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1) *	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
	Coating Emissions			
515, 516	New Spot Repair Booth	VOC	1.51	1.89
		PM	0.28	0.34
517, 518	New Spot Repair Booth	VOC	1.51	1.89
		PM	0.28	0.34
325	Hoodliner Dust Exhaust	PM	0.13	0.57
389	Area Ventilation for Conveyor 54	VOC	0.01	0.01
		NO_x	0.01	0.01
		CO	0.07	0.10
		PM	0.01	0.01
390	South Heavy Repair	VOC	0.03	0.19
		NO_x	0.05	0.32
		CO	0.31	2.08
		PM	0.01	0.01
391, 392, 393, 394	South Roll Test	VOC	0.17	0.48
		NO_x	0.27	0.78
		CO	1.81	5.15
		PM	0.01	0.04
		SO_2	N/A	N/A
519, 520	Engine Start Area	VOC	0.02	0.02
		NO_x	0.01	0.02
		CO	0.17	0.26
		PM	0.01	0.02
		SO_2	N/A	N/A
387	Transit Coating Booth	VOC	2.5	0.5
		PM	4.0	0.8

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
527	Chassis Booth	VOC	3.5	0.7
		PM	0.2	0.04
163	North Boiler (Fuel Oil 720 Hours, Natural Gas 8,064 Hours)	VOC	N/A	0.9
		NO_x	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 Hours, Natural Gas 8,064 Hours)	VOC	N/A	0.9
		NO_x	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 Hours, Natural Gas 8,064 Hours)	VOC	N/A	0.9
		NO_x	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 Hours)	VOC	0.18	0.06
		NO_x	11.0	3.9
		CO	3.0	1.0
		PM	1.1	0.4
		SO_2	23.0	8.3
164	Center Boiler (Fuel Oil 720 Hours)	VOC	0.18	0.06
		NO_x	11.0	3.9
		CO	3.0	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 * lb/hr	TPY
		SO_2	23.0	8.3
165	South Boiler (Fuel Oil 720 Hours)	VOC	0.18	0.06
		NO_x	11.0	3.9
		CO	3.0	1.0
		PM	1.1	0.4
		SO_2	23.0	8.3
163	North Boiler (Natural Gas 8,784 Hours) 46.1	VOC	0.21	0.92
		NO_x		10.5
		CO	2.6	11.5
		PM	0.11	0.5
		SO_2	0.01	0.02
164	Center Boiler (Natural Gas 8,784 Hours) 46.1	VOC	0.21	0.92
		NO_x		10.5
		CO	2.6	11.5
		PM	0.11	0.5
		SO_2	0.01	0.02
165	South Boiler (Natural Gas 8,784 Hours) 46.1	VOC	0.21	0.92
		NO_x		10.5
		CO	2.6	11.5
		PM	0.11	0.5
		SO_2	0.01	0.02
191	Maintenance Paint Booth	VOC	10.0	1.2
		PM	0.1	0.1
440	Waste Thinner Tank	VOC	1.0	2.1

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
439	Waste Paint Tank	VOC	1.0	2.1
446	SEO Room No. 1	VOC	0.7	2.3
447	SEO Room No. 2	VOC	0.7	2.3
510	Primer/Surfacer Satellite 0.88 Mix Room No. 1	VOC		0.71
511	Primer/Surfacer Satellite 0.88 Mix Room No. 2	VOC		0.71
180	Propane Flare	VOC	10.0	0.1
		NO_x	0.1	0.1
		CO	0.1	0.1
		PM	0.1	0.1
		SO_2	0.1	0.1
182	Tank Farm Tank No. 1 Unleaded Gasoline	VOC	1.0	0.6
397	Tank Farm Tank No. 2 Antifreeze	VOC	0.1	0.1
183	Tank Farm Tank No. 3 Automatic Transmission Fluid	VOC	0.1	0.1
184	Tank Farm Tank No. 4 Unleaded Gasoline	VOC	1.0	0.6
185	Tank Farm Tank No. 5 Purge Thinner	VOC	1.0	0.1

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1) *	Source Name (2)	Air Contaminant Name (3)	Emission Rates lb/hr	TPY
182A	Tank Farm Tank No. 6 Unleaded Gasoline	VOC	1.0	0.6
186	Tank Farm Tank No. 7 Antifreeze	VOC	0.1	0.1
187	Tank Farm Tank No. 8 Rear Axle Oil	VOC	0.1	0.1
185A	Tank Farm Tank No. 9 Unleaded Gasoline	VOC	1.0	0.6
188	Tank Farm Tank No. 10 Power Steering Fluid	VOC	0.1	0.1
400	Fuel Oil Tank No. 1	VOC	0.1	0.1
401	Fuel Oil Tank No. 2	VOC	0.1	0.1
402	Fuel Oil Tank No. 3	VOC	0.1	0.1
521	Pyrolysis Oven	VOC	0.04	0.04
		NO_x	0.05	0.05
		CO	0.1	0.1
		PM	0.03	0.03
		SO_2	0.01	0.01
522	Pyrolysis Oven	VOC	0.04	0.04
		NO_x	0.05	0.05
		CO	0.1	0.1
		PM	0.03	0.03

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates * lb/hr	TPY
		SO_2	0.01	0.01
523	Pyrolysis Oven	VOC	0.04	0.04
		NO_x	0.05	0.05
		CO	0.1	0.1
		PM	0.03	0.03
		SO_2	0.01	0.01
524	Pyrolysis Oven	VOC	0.04	0.04
		NO_x	0.05	0.05
		CO	0.1	0.1
		PM	0.03	0.03
		SO_2	0.01	0.01
525	Stage II Oxidizer Stack	VOC	0.01	0.01
		NO_x	0.02	0.08
		CO	0.01	0.04
		PM	0.01	0.01
		SO_2	0.01	0.03
526	Stage II Oxidizer Stack	VOC	0.01	0.01
		NO_x	0.02	0.08
		CO	0.01	0.04
		PM	0.01	0.01
		SO_2	0.01	0.03
324	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
		NO_x	0.4	0.8

		CO	0.1	0.1
		PM	0.1	0.1
		SO_2	0.1	0.1
173	Miscellaneous Plantwide	VOC	0.22	0.36
	Production Operations - 19.0	POC	NO_x	12.9
	Fluid	CO	3.4	4.7
		PM	15.2	5.2
		SO_2	0.4	0.4
173	Miscellaneous Plantwide	VOC	436.0	406.0
	Production Operations	NO_x	15.2	5.2
	Coating Emissions			

(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
NO_x - 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 or the schedules noted above:

Hrs/day_____Days/week_____Weeks/year____or Hrs/year 8,784

Dated_____