Permit Number 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, 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.	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)	
(1)		ivaille (5)	lbs/hour	TPY (4)
Pre-Phosphate Washe	rs and Phosphate System			
PT1 PT2 PT3	PT Air Seal Exhaust PT Zone 1 Exhaust PT Zone 4 Exhaust	VOC	0.59	1.09
Prime Coat System (El	LPO)			
ELPO RTO	ELPO Immersion Tank and ELPO Oven Routed to ELPO RTO	VOC	2.70	4.99
Primer Surfacer Syster	n			
530	Primer Surfacer Booth Painting, Purge and Clean Through Rotor Concentrator	VOC	34.80	64.76
	and RTO	PM	0.08	0.15
321	Primer Surfacer Oven Through Regenerative Thermal Oxidizer	PM ₁₀	0.08	0.15
510 511 514	Primer Surfacer Mix Room No. 1 Primer Surfacer Mix Room No. 2 Primer Surfacer Oven Exit Air Seal	PM _{2.5}	0.08	0.15
Topcoat System		1		
93, 94 and 95	Basecoat Booths A, B and C Painting, Purge, Clean and Air Makeup Units	VOC	262.86	408.95
321	Basecoat Heated Flash Through Regenerative Thermal Oxidizer for Booths A, B and C	PM	2.09	3.87
		PM ₁₀	2.09	3.87
99, 100 and 101	Basecoat Observation Zone for Booths A, B and C	PM _{2.5}	2.09	3.87
530	Clearcoat Booths A, B and C Painting, Purge, Cleaning and Observation Through Rotor Concentrator/RTO			
321	Topcoat Ovens Through Regenerative Thermal Oxidizer for Booths A, B and C			
446 447 558, 559	SEO Room No. 1 SEO Room No. 2 Clean Rooms			

173	Primer Surfacer, Basecoat and Clearcoat Booth Cleaning Fugitives	voc	95.94	59.41
Final/Spot Repair				
364, 365, 515, 516 517, 518, 528, 538	Final/Spot Repair Operations	voc	6.00	12.20
		PM	0.20	0.50
539	Final Vehicle Wash Exhaust	voc	1.00	1.00
389, 534, 535, 536, 537, 540,	Vehicle Startup, Rolltest and Heavy Repair	voc	0.93	1.85
390, 391, 392, 393, 394, 533,		NO _x	0.99	1.98
519, 520, 547, 548, 549		со	12.06	24.12
		PM ₁₀	0.02	0.04
		SO ₂	0.32	0.25
Boiler Annual Emission	on Limits - Firing Natural Gas and a Maximur	n of 1,157,150 Gallo	ons of Fuel Oil	
163	North Boiler	voc		0.30
		NO _x		19.30
		со		4.80
		PM		0.90
		SO ₂		8.30
164	Center Boiler	voc		0.30
		NO _x		19.30
		со		4.80
		PM		0.90
		SO ₂		8.30
165	South Boiler	voc		0.30
		NO _x		19.30
		со		4.80
		РМ		0.90

		SO ₂		8.30
Boiler Short To	erm Limits – Firing Fuel Oil Only	l l		
163	North Boiler	voc	0.11	
		NO _x	10.71	
		со	2.68	
		РМ	1.07	
		SO ₂	22.82	
164	Center Boiler	voc	0.11	
		NO _x	10.71	
		со	2.68	
		РМ	1.07	
		SO ₂	22.82	
165	South Boiler	VOC	0.11	
		NO _x	10.71	
		со	2.68	
		РМ	1.07	
		SO ₂	22.82	
Boiler Short To	erm Limits – Firing Natural Gas			·
163	North Boiler	voc	0.20	
		NO _x	10.24	
		со	2.56	
		PM	0.37	
		SO ₂	0.80	
164	Center Boiler	voc	0.20	
		NO _x	10.24	
		СО	2.56	

173	Miscellaneous Plant-wide Chemicals – Sealers, Adhesives, Booth Cleaners, Wipes, Purge Thinner, and Miscellaneous Materials	VOC	115.49	205.00
170	N: 11	SO ₂	0.17	0.75
	Excluding Bollers	PM _{2.5} (5)	2.06	9.57
		PM ₁₀ (5)	2.06	9.57
		PM (5)	2.06	9.57
		СО	22.80	105.82
		NO _x	27.34	124.82
173, ELPO RTO, 321, 530	Plant wide Natural Gas Combustion – Excluding Boilers	VOC (5)	1.30	6.82
545	Sawdust Collector	PM	5.00	0.50
526, 543, 173	All Fluid Fill Operations	VOC	0.23	0.42
439	Waste Paint Tank	VOC	1.00	2.10
440	Waste Thinner Tank	VOC	1.00	2.10
		PM	2.34	0.28
191	Maintenance Paint Booth	VOC	10.00	1.20
		SO ₂	0.80	
		PM	0.37	
		СО	2.56	
		NO _x	10.24	
165	South Boiler	VOC	0.20	
		SO ₂	0.80	
		PM	0.37	

(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) Exempt Solvent - Those carbon compounds or mixtures of carbon compounds used as solvents which have been excluded from the definition of volatile organic compound.

VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1

NO_x - total oxides of nitrogen

SO₂ - sulfur dioxide

PM - total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, - total particulate matter equal to or less than 10 microns in diameter, including $PM_{2.5}$,

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

CO - carbon monoxide

- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.(5) Products of combustion only.
- (6) Includes planned maintenance, startup and shutdown activities.

Date:	April 27, 2018