Permit Number 47227

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 or 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. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (6)		
			lbs/hour	TPY (4)	
BLSTRCV	Bulk Blast Media Receipt Vented to a Dust Collector	PM	0.06	0.01	
		PM ₁₀	0.06	0.01	
		PM _{2.5}	0.06	0.01	
BLSTPOT	Blast Pot Filling Vented to a Dust	PM	<0.01	0.01	
	Collector	PM ₁₀	<0.01	<0.01	
		PM _{2.5}	<0.01	<0.01	
BLSTCLNFUG	Blast Media Cleanup	РМ	0.09	0.03	
		PM ₁₀	0.04	0.01	
		PM _{2.5}	<0.01	<0.01	
Thermal Spray Operation	is				
TSAOPFUG	Outdoor Thermal Spray	PM	3.30	14.50	
		PM ₁₀	2.64	11.60	
		PM _{2.5}	2.64	11.60	
TSABTH	Thermal Spray Application Spray Booth	РМ	0.07		
		PM ₁₀	0.07		
		PM _{2.5}	0.07		
		PM (Combustion)	0.02		
		PM ₁₀ (Combustion)	0.02		
		PM _{2.5} (Combustion)	0.02		
		VOC (Combustion)	0.02		
		NO _X	0.12		
		СО	0.73		
		SO ₂	<0.01		
TSAOPFUG/TSABTH	Thermal Spray Operations	РМ	3.30	14.50	
	Ορειαιίστιο	PM ₁₀	2.64	11.60	
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	PM _{2.5}	2.64	11.60
	PM (Combustion)	0.02	0.10
	PM ₁₀ (Combustion)	0.02	0.10
	PM _{2.5} (Combustion)	0.02	0.10
	VOC (Combustion)	0.02	0.07
	NOx	0.12	0.52
	со	0.73	3.19
	SO ₂	<0.01	<0.01
			1
Large Coating and	РМ	0.07	
1-6 (Blasting Only)	PM ₁₀	0.07	
NEL 4 NEL 5 NEL 6	PM _{2.5}	0.07	
Zone 1 Outdoor Abrasive Blasting Daytime Operations	РМ	0.29	
	PM ₁₀	0.03	
	PM _{2.5}	<0.01	
Zone 1 Outdoor Abrasive Blasting Nighttime Operations With Shrouds	РМ	0.29	
	PM ₁₀	0.03	
	PM _{2.5}	<0.01	
Zone 2 Outdoor Abrasive Blasting Daytime Operations	PM	2.57	
	PM ₁₀	0.31	
	PM _{2.5}	0.05	
Zone 2 Outdoor	РМ	2.00	
Nighttime Operations	PM ₁₀	0.24	
With Shrouds	PM _{2.5}	0.04	
Zone 3A Outdoor	РМ	2.29	
Daytime Operations	PM ₁₀	0.27	
	PM _{2.5}	0.04	
Zone 3A Outdoor	PM	0.57	
Zone 3A Outdoor Abrasive Blasting		0.07	
	Blasting Booth, Stacks 1-6 (Blasting Only) Zone 1 Outdoor Abrasive Blasting Daytime Operations Zone 1 Outdoor Abrasive Blasting Nighttime Operations With Shrouds Zone 2 Outdoor Abrasive Blasting Daytime Operations Zone 2 Outdoor Abrasive Blasting Nighttime Operations With Shrouds Zone 3 Outdoor Abrasive Blasting Nighttime Operations With Shrouds	PM ₁₀ (Combustion) PM _{2.5} (Combustion) VOC (Combustion) NO _X CO SO ₂ Large Coating and Blasting Booth, Stacks 1-6 (Blasting Only) PM _{2.5} Zone 1 Outdoor Abrasive Blasting Nighttime Operations With Shrouds PM PM ₁₀ PM _{2.5} Zone 2 Outdoor Abrasive Blasting Daytime Operations With Shrouds PM PM ₁₀ PM _{2.5} Zone 2 Outdoor Abrasive Blasting Daytime Operations With Shrouds PM PM ₁₀ PM _{2.5} Zone 2 Outdoor Abrasive Blasting Daytime Operations With Shrouds PM PM ₁₀ PM _{2.5} Zone 2 Outdoor Abrasive Blasting Nighttime Operations With Shrouds PM PM ₁₀ PM _{2.5} Zone 3A Outdoor Abrasive Blasting Daytime Operations With Shrouds PM PM ₁₀ PM _{2.5}	PM ₁₀ (Combustion) 0.02

one 3B Outdoor prasive Blasting aytime Operations one 3B Outdoor prasive Blasting aytime Operations one 3C Outdoor prasive Blasting aytime Operations of the Shrouds	PM _{2.5} PM PM ₁₀ PM _{2.5}	0.01 2.29 0.27 0.04 0.57 0.07 0.01 2.29 0.27 0.04	
orasive Blasting aytime Operations one 3B Outdoor orasive Blasting ghttime Operations one 3C Outdoor orasive Blasting aytime Operations one 3C Outdoor orasive Blasting aytime Operations one 3C Outdoor orasive Blasting ghttime Operations	PM ₁₀ PM _{2.5} PM PM ₁₀ PM _{2.5} PM PM _{2.5} PM PM ₁₀	0.27 0.04 0.57 0.07 0.01 2.29 0.27 0.04	
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orasive Blasting Ighttime Operations	PM PM ₁₀ PM _{2.5} PM PM ₁₀ PM _{2.5}	0.57 0.07 0.01 2.29 0.27 0.04	
orasive Blasting Ighttime Operations	PM ₁₀ PM _{2.5} PM PM ₁₀ PM _{2.5}	0.07 0.01 2.29 0.27 0.04	
ghttime Operations ith Shrouds one 3C Outdoor orasive Blasting aytime Operations one 3C Outdoor orasive Blasting one 3C Outdoor orasive Blasting one this indicate of the street of the	PM _{2.5} PM PM ₁₀ PM _{2.5}	0.01 2.29 0.27 0.04	
one 3C Outdoor prasive Blasting aytime Operations one 3C Outdoor prasive Blasting aytime Operations	PM PM ₁₀ PM _{2.5}	2.29 0.27 0.04	
orasive Blasting aytime Operations one 3C Outdoor orasive Blasting aytime Operations	PM ₁₀	0.27	
one 3C Outdoor orasive Blasting ighttime Operations	PM _{2.5}	0.04	
orasive Blasting ighttime Operations			
orasive Blasting ighttime Operations	РМ	0.57	
ghttime Operations		0.07	
itii Siirouus	PM ₁₀	0.07	
	PM _{2.5}	0.01	
Zone 3D Outdoor Abrasive Blasting Daytime Operations	PM	1.14	
	PM ₁₀	0.14	
	PM _{2.5}	0.02	
Zone 3D Outdoor Abrasive Blasting Nighttime Operations With Shrouds	PM	0.57	
	PM ₁₀	0.07	
	PM _{2.5}	0.01	
one 4 Outdoor	PM	1.14	
aytime Operations	PM ₁₀	0.14	
	PM _{2.5}	0.02	
one 4 Outdoor	PM	1.14	
ghttime Operations	PM ₁₀	0.14	
ith Shrouds	PM _{2.5}	0.02	
one 5 Outdoor	PM	1.14	
aytime Operations	PM ₁₀	0.14	
	PM _{2.5}	0.02	
one 5 Outdoor	PM	1.14	
oa Dogin Doga Dogin Doga	ne 3D Outdoor rasive Blasting ytime Operations ne 3D Outdoor rasive Blasting yhttime Operations th Shrouds ne 4 Outdoor rasive Blasting ytime Operations ne 4 Outdoor rasive Blasting ytime Operations th Shrouds ne 5 Outdoor rasive Blasting yhttime Operations th Shrouds ne 5 Outdoor rasive Blasting ytime Operations	th Shrouds PM2.5 PM PM10 PM2.5	PM2.5 D.01

PM ₁₀	
BLSTOPFUG Zone 6 Outdoor Abrasive Blasting Daytime Operations PM 1.14	
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Description	
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PM _{2.5} 0.02 BLSTOPFUG Zone 7 Outdoor PM 0.29	
Abrasive Blasting	
Daytime Operations PM ₁₀ 0.03	
PM _{2.5} <0.01	
BLSTOPFUG Zone 7 Outdoor PM 0.29	
Nighttime Operations With Shrouds PM ₁₀ 0.03	
PM _{2.5} <0.01	
BLSTOPFUG Zone 8 Outdoor PM 1.14	
Daytime Operations PM ₁₀ 0.14	
PM _{2.5} 0.02	
BLSTOPFUG Zone 8 Outdoor PM 1.14	
Nighttime Operations With Shrouds PM ₁₀ 0.14	
PM _{2.5} 0.02	
PANELs 1-6, Sitewide Abrasive PM 15.80 BLSTOPFUG Blasting Daytime	
Operations PM ₁₀ 1.94	
PM _{2.5} 0.35	
PANELs 1-6, Sitewide Abrasive BLSTOPFUG Blasting Nighttime PM 9.51	
Operations PM ₁₀ 1.12	
PM _{2.5} 0.24	
PANELs 1-6, Sitewide Abrasive Blasting Operations PM 42.90	
BLSTOPFUG Blasting Operations PM ₁₀ 5.10	
PM _{2.5} 0.77	

Coating Operations				
PANEL 1 PANEL 2	Large Coating and Blasting Booth, Stacks	VOC	600.00	
PANEL 3	1-6 (Coating Only)	ES	264.00	
PANEL 4 PANEL 5		РМ	0.06	
PANEL 6		PM ₁₀	<0.01	
		PM _{2.5}	<0.01	
		PM (Combustion)	0.07	
		PM ₁₀ (Combustion)	0.07	
		PM _{2.5} (Combustion)	0.07	
		VOC (Combustion)	0.05	
		NO _X	0.36	
		СО	2.18	
		SO ₂	0.01	
PAINTBTH1-2	Small Paint Booth No. 1 and No. 2	voc	320.00	
		ES	140.80	
		РМ	0.03	
		PM ₁₀	<0.01	
		PM _{2.5}	<0.01	
		PM (Combustion)	0.02	
		PM ₁₀ (Combustion)	0.02	
		PM _{2.5} (Combustion)	0.02	
		VOC (Combustion)	0.02	
		NO _x	0.12	
		СО	0.73	
		SO ₂	<0.01	
PANELS 1-6/PAINTBTH 1/ PAINTBTH 2	All Enclosed Painting Operations- Large	VOC		55.00
	Coating Booth, Small Paint Booth No. 1,	ES		27.50
	Small Paint Booth No.	РМ		0.92
	_	PM ₁₀		0.92

		PM _{2.5}		0.92
		PM (Combustion)		0.49
		PM ₁₀ (Combustion)		0.49
		PM _{2.5} (Combustion)		0.49
		VOC (Combustion)		0.35
		NO _X		2.62
		СО		15.93
		SO ₂		0.04
COATOPFUG	Zone 1 Outdoor	VOC	40.00	
	Surface Coating Daytime	ES	17.60	
		PM	0.85	
		PM ₁₀	0.08	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 1 Outdoor	VOC	40.00	
	Surface Coating Nighttime with	ES	17.60	
	Shrouds	PM	0.85	
		PM ₁₀	0.08	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 2 Outdoor	VOC	60.00	
	Surface Coating Daytime	ES	26.40	
		PM	1.27	
		PM ₁₀	0.12	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 2 Outdoor	VOC	60.00	
	Surface Coating Nighttime with	ES	26.40	
	Shrouds	PM	1.27	
		PM ₁₀	0.12	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 3A Outdoor Surface Coating	VOC	80.00	

		ES	35.20	
		PM	1.70	
		PM ₁₀	0.15	
		PM _{2.5}	0.01	
COATOPFUG	Zone 3A Outdoor Surface Coating	voc	60.00	
	Nighttime with Shrouds	ES	26.40	
	Sillouds	РМ	1.27	
		PM ₁₀	0.12	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 3B Outdoor Surface Coating	voc	160.00	
	Daytime	ES	70.40	
		РМ	3.40	
		PM ₁₀	0.31	
		PM _{2.5}	0.02	
COATOPFUG	Zone 3B Outdoor Surface Coating	voc	60.00	
	Nighttime with	ES	26.40	
	Shrouds	РМ	1.27	
		PM ₁₀	0.12	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 3C Outdoor Surface Coating	voc	160.00	
	Daytime	ES	70.40	
		РМ	3.40	
		PM ₁₀	0.31	
		PM _{2.5}	0.02	
COATOPFUG	Zone 3C Outdoor	VOC	60.00	
	Surface Coating Nighttime with	ES	26.40	
	Shrouds	РМ	1.27	
		PM ₁₀	0.12	
		PM _{2.5}	<0.01	

COATOPFUG	Zone 3D Outdoor	VOC	120.00	
	Surface Coating Daytime	ES	52.80	
		PM	2.55	
		PM ₁₀	0.23	
		PM _{2.5}	0.02	
COATOPFUG	Zone 3D Outdoor Surface Coating	voc	60.00	
	Nighttime with Shrouds	ES	26.40	
	Sillouds	PM	1.27	
		PM ₁₀	0.12	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 4 Outdoor Surface Coating	voc	80.00	
	Daytime	ES	35.20	
		PM	1.70	
		PM ₁₀	0.15	
		PM _{2.5}	0.01	
COATOPFUG	Zone 4 Outdoor Surface Coating	voc	60.00	
	Nighttime with Shrouds	ES	26.40	
	Sillouds	РМ	1.27	
		PM ₁₀	0.12	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 5 Outdoor Surface Coating	voc	60.00	
	Daytime	ES	26.40	
		РМ	1.27	
		PM ₁₀	0.12	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 5 Outdoor Surface Coating	VOC	60.00	
	Nighttime with Shrouds	ES	26.40	
	Sillouus	РМ	1.27	
		PM ₁₀	0.12	

1	1		1	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 6 Outdoor Surface Coating	VOC	100.00	
	Daytime	ES	44.00	
		РМ	2.12	
		PM ₁₀	0.19	
		PM _{2.5}	0.01	
COATOPFUG	Zone 6 Outdoor Surface Coating	VOC	100.00	
	Nighttime with Shrouds	ES	44.00	
	Sillouds	РМ	2.12	
		PM ₁₀	0.19	
		PM _{2.5}	0.01	
COATOPFUG	Zone 7 Outdoor Surface Coating Daytime	VOC	40.00	
		ES	17.60	
		РМ	0.85	
		PM ₁₀	0.08	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 7 Outdoor Surface Coating Nighttime with Shrouds	VOC	40.00	
		ES	17.60	
		РМ	0.85	
		PM ₁₀	0.08	
		PM _{2.5}	<0.01	
COATOPFUG	Zone 8 Outdoor Surface Coating	voc	160.00	
	Daytime	ES	70.40	
		РМ	3.40	
		PM ₁₀	0.31	
		PM _{2.5}	0.02	
COATOPFUG	Zone 8 Outdoor Surface Coating	VOC	80.00	
	Nighttime with	ES	35.20	
	Shrouds	РМ	1.70	

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		PM ₁₀	0.15	
		PM _{2.5}	0.01	
PANELS 1-6/PAINTBTH 1/ PAINTBTH 2,	PANELS 1- 6/PAINTBTH 1/	voc	1980.00	
COATOPFUG	PAINTBTH 2, COATOPFUG	ES	871.20	
	Daytime	PM	22.61	
		PM ₁₀	2.04	
		PM _{2.5}	0.16	
		PM (Combustion)	0.11	
		PM ₁₀ (Combustion)	0.11	
		PM _{2.5} (Combustion)	0.11	
		VOC (Combustion)	0.08	
		NOx	0.60	
		со	3.64	
		SO ₂	0.01	
PANELS 1-6/PAINTBTH 1/ PAINTBTH 2,	PANELS 1- 6/PAINTBTH 1/	voc	1600.00	
COATOPFUG	PAINTBTH 2, COATOPFUG	ES	704.00	
	Nighttime	РМ	14.54	
		PM ₁₀	1.31	
		PM _{2.5}	0.10	
		PM (Combustion)	0.11	
		PM ₁₀ (Combustion)	0.11	
		PM _{2.5} (Combustion)	0.11	
		VOC (Combustion)	0.08	
		NO _X	0.60	
		СО	3.64	
		SO ₂	0.01	
PANELS 1-6/PAINTBTH 1/ PAINTBTH 2,	PANELs 1- 6/PAINTBTH 1/	voc		200.00
COATOPFUG	PAINTBTH 2, COATOPFUG	ES		100.00
	33/1131133	РМ		26.94

		PM ₁₀		22.90
		PM _{2.5}		4.04
		PM (Combustion)		0.49
		PM ₁₀ (Combustion)		0.49
		PM _{2.5} (Combustion)		0.49
		VOC (Combustion)		0.35
		NOx		2.62
		СО		15.93
		SO ₂		0.04
	Equipment Cleaning Operations	voc	2.93	5.50
	Operations	Exempt Solvent	2.88	5.40
FUGSTILL	Distillation Fugitives	voc	0.54	2.37
		Exempt Solvent	0.53	2.33
PNTSTILL	Distillation Loading	voc	0.10	0.06
		Exempt Solvent	0.10	0.06
SLVTNK	Solvent Tank	VOC	0.84	0.01
		Exempt Solvent	6.10	0.09

(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.

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

- total oxides of nitrogen NO_x

- sulfur dioxide SO_2

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

- total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as PM_{10}

represented

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

CO - carbon monoxide

HAP - hazardous air pollutant as listed in § 112(b) of the Federal Clean Air Act or Title 40 Code of Federal Regulations Part 63, Subpart C

(4) Compliance with annual emission limits (tons per year) is based on a 12-month rolling period. (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and

permit application representations.

(6) Emission rates include planned maintenance, startup and shutdown activities. Daytime is defined as 7:00 AM to 7:00 PM

Nighttime is defined as 7:00 PM to 7:00 AM

Permit	Numl	ber	4722	27
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-mission	Sources -	Maximum	Allowable	Emission	Rates

Date: September 16, 201	.9
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