

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 4908

This table lists the maximum allowable emission rates for all sources of air contaminants on the permittee's property covered by this permit.

AIR CONTAMINANTS DATA

Emission Point No.	Source Name (FIN)	Air Contaminant Name (1)	<u>Emission Rates</u>	
			lb/hr	TPY (2)
TO-1A	Thermal Clean Oven No. 1 (BURNOVN1A) vented through a Thermal Oxidizer (TO-1A)	VOC	0.05	0.24
		PM	0.08	0.33
		NO _x	0.98	4.29
		CO	0.82	3.61
		SO ₂	<0.01	0.03
TO-1B	Thermal Clean Oven No. 2 (BURNOVN1B) vented through a Thermal Oxidizer (TO-1B)	VOC	0.05	0.24
		PM	0.08	0.33
		NO _x	0.98	4.29
		CO	0.82	3.61
		SO ₂	<0.01	0.03
BAGHSSTK2	Abrasive Blast Station No.2 vented through a Baghouse (ABRCLNST2)	PM/PM ₁₀	0.69	3.00
PRIMESTFUG	WLY1 Prime Coat Station (PRIME-ST) Fugitives	VOC (3)	7.02	4.49
TCOATSTFUG	WLY1 Top Coat Station (TOPCOATST) Fugitives	VOC (3)	3.52	7.31
TO-4	WLY1 Prime Coat Station (PRIME-ST), Setup Bake Oven (SETBKOVN4), Top Coat Station (TOPCOATST), and Intermediate Bake Oven (INTBKOVN) vented through a Thermal Oxidizer (TO-LIQUID)	VOC	5.74	3.42
		VOC (4)	0.08	0.36
		PM/PM ₁₀	0.11	0.49
		NO _x	1.48	6.46
		CO	1.24	5.43
		SO ₂	0.01	0.04
FOVNSTK6A	WLY1 Top Coat Bake Oven No. 1 (FBAKEOVN6A)	VOC	2.95	5.84
		VOC (4)	0.02	0.04
		PM/PM ₁₀	0.02	0.05
		NO _x	0.30	0.66
		CO	0.25	0.56
FOVNSTK6B	WLY1 Top Coat Bake Oven	SO ₂	<0.01	
		VOC	2.95	5.84

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Emission Point No.	Source Name (FIN)	Air Contaminant Name (1)	Emission Rates	
			lb/hr	TPY (2)
	No. 2 (FBAKEOVN6B)	VOC (4)	0.02	0.04
		PM/PM ₁₀	0.02	0.05
		NO _x 0.30	0.66	
		CO 0.25	0.56	
		SO ₂ <0.01	<0.01	
FOVNSTK6C	WLY1 Top Coat Bake Oven	VOC	2.95	5.84
	No. 3 (FBAKEOVN6C)	VOC (4)	0.02	0.04
		PM/PM ₁₀	0.02	0.05
		NO _x 0.30	0.66	
		CO 0.25	0.56	
		SO ₂ <0.01	<0.01	
WLY2PSTFUG	WLY2 Prime Coat Station (WLY2PRMST) Fugitives	VOC (3)	0.88	0.64
WLY2-TO	WLY2 Prime Coat Station (WLY2PRMST) and Bake Oven (WLY2BKOVN) vented through a Thermal Oxidizer (WLY2-TO)	VOC	0.01	0.01
		VOC (4)	0.05	0.24
		PM/PM ₁₀	0.08	0.33
		NO _x	0.98	4.29
		CO	0.82	3.61
		SO ₂ <0.01	0.03	
WLY2TCFUG	WLY2 Top Coat Station (WLY2TCOAT) Fugitives	PM/PM ₁₀ (3)	0.75	1.83
PWDROVNSTK	WLY2 Top Coat Oven (WLY2TCOVN)	VOC	0.03	0.12
		PM/PM ₁₀	0.04	0.16
		NO _x 0.49	2.15	
		CO 0.41	1.80	
		SO ₂ <0.01	0.01	
EXTCOATFUG	Outdoor Pipe External Varnish Station (EXTCOATST) Fugitives	VOC (3)	4.23	
		PM (3)	0.05	
		Ammonia (3)	0.11	
EXTCOATFUG2	Outdoor Pipe External Varnish Station No. 2 (EXTCOATST2) Fugitives	VOC (3)	3.75	
		PM (3)	0.04	
		Ammonia (3)	0.10	

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			lb/hr	TPY (2)
EXTCOATFUG and EXTCOATFUG2	External Varnish Stations (EXTCOATST and EXTCOATST2)	VOC (3) PM (3) Ammonia (3)	21.51 0.23 0.56	
TO-4, FOVNSTK6A-C, PRIMESTFUG, TCOATSTFUG, WLY2PSTFUG, WLY2-TO, and EXTCOATFUG	Stations and Ovens, and External Varnish Station	WLY1 and WLY2 Coating <10.00 (5) Multiple HAP		Single HAP <25.00 (5)

The following portion of the table lists the sources of air contaminants on the permittee's property registered or claimed under permits by rule and not covered by this permit.

USEOILTK1	Used Oil Storage Tank (USEOILTK1)	VOC	(6)
WW-FUG	Wastewater Treatment Plant (WW-FUG)	VOC	(6)
DPS-FUG	Hardbanding Station (DPS-STK and DPS-WELD)	VOC VOC (4) PM/PM ₁₀ NO _x CO SO ₂	(6) (6) (6) (6) (6) (6)
BAGHSSTK1	Abrasive Cleaning Station No. 1 vented through a Baghouse (ABRCLNST1)	PM/PM ₁₀	(6)

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Emission Point No.	Source Name (FIN)	Air Contaminant Name (1)	<u>Emission Rates</u>	
			lb/hr	TPY (2)
ENDCUTCOL	End Cut Station No. 1 (ENDCUTST) and Nose Guard 33635) Station (NOSEGARDST)	PM/PM ₁₀	(7) (Registration	No.
ENDCUTCOL2	End Cut Station No.2 (ENDCUTST2) 70346)	PM/PM ₁₀	(6) (Registration	No.
MBBOOTHSTK	Metal Spray Booth (METALBOOTH)	PM/PM ₁₀	(7)	
ROVNSTK	Ryton Oven (RYTONOVN)	VOC PM/PM ₁₀ 6700) NO _x CO SO ₂	(6) (Registration	No.
WHEELABSTK	Wheelabrator (WHEELABR)	PM/PM ₁₀	(6)	
MEKTK01	Methyl Ethyl Ketone Storage Tank (MEKTK01) 40536)	VOC	(7) (Registration	No.
GASOLTK01	Gasoline Storage Tank (GASOLTK01)	VOC	(6)	
DIESELTK01	Diesel Storage Tank (DIESELTK01)	VOC	(6)	
EXTHTRSTK	External Varnish Station No. 2 Heater (EXTHTRSTK) 72262) NO _x CO	VOC PM/PM ₁₀	(6) (Registration	No.

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SO₂

- (1) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code (30 TAC) § 101.1
 - PM - particulate matter as defined in 30 TAC § 101.1
 - PM₁₀ - PM with aerodynamic diameter no greater than a nominal 10 microns
 - NO_x - oxides of nitrogen
 - CO - carbon monoxide
 - SO₂ - sulfur dioxide
 - HAP - hazardous air pollutants identified in 40 CFR Part 63, Subpart C
- (2) Rate is for a rolling 12-consecutive months
- (3) Fugitive emissions
- (4) Combustion product
- (5) Does not account for HAP Methyl Ethyl Ketone Storage Tank
- (6) As limited by 30 TAC § 106.4 or § 106.6
- (7) As limited by 30 TAC § 106.262 or § 106.6

Dated October 11, 2005