

Emission Sources - Maximum Allowable Emission Rates

Permit Number 9296

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. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
1	Aqueous Washer Heater 1 (2.75 MMBtu/hr) FIN: HEATER1	PM	0.02	0.09
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09
		VOC	0.01	0.06
		SO ₂	0.01	0.01
		NO _x	0.27	1.18
		CO	0.23	0.99
2	Aqueous Washer Heater 2 (2.75 MMBtu/hr) FIN: HEATER2	PM	0.02	0.09
		PM ₁₀	0.02	0.09
		PM _{2.5}	0.02	0.09
		VOC	0.01	0.06
		SO ₂	0.01	0.01
		NO _x	0.27	1.18
		CO	0.23	0.99
3	Dry-Off Oven (4.0 MMBtu/hr) FIN: DRYER3	PM	0.03	0.13
		PM ₁₀	0.03	0.13
		PM _{2.5}	0.03	0.13
		VOC	0.02	0.09
		SO ₂	0.01	0.01
		NO _x	0.39	1.72
		CO	0.33	1.44

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			lbs/hour	TPY (4)
RTO-1	Combined process emissions from 11 paint booths FINs: PRIME-1, PRIME-2, TOUCHUP-1, TOUCHUP-2, TOUCHUP-3, TOUCHUP-4, TOPCOAT-1, TOPCOAT-2, CLEARCT-1, CLEARCT-2, BATCH-1 and one Solvent Still FIN: SOLVSTILL	VOC	47.68	10.97
		Exempt Solvent	6.43	1.72
		PM	0.05	0.01
		PM ₁₀	0.05	0.01
		PM _{2.5}	0.05	0.01
RTO-1	Combined product of combustion (POC) emissions from FINs: RTOFUEL (2.7 MMBtu/hr), CUREOVEN (7.5 MMBtu/hr) and BATCHOVN-1 (0.80 MMBtu/hr)	PM	1.11	0.59
		PM ₁₀	1.11	0.59
		PM _{2.5}	1.11	0.59
		VOC	0.17	0.28
		SO ₂	0.01	0.03
		NO _x	7.31	6.15
		CO	2.46	4.32
PK-1	Paint Kitchen FIN: PK	VOC	29.10	0.56
		Exempt Solvent	0.09	0.19
PREOVN-W	POC emissions from Primary Preheat Oven West FIN: PREOVN-W (1.35 MMBtu/hr)	PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		VOC	<0.01	0.03
		SO ₂	<0.01	<0.01
		NO _x	0.08	0.37
		CO	0.35	1.50

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Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates (5)	
			lbs/hour	TPY (4)
MELT-STK	Combined Process Emissions from Melt Reverb 1 and 2	PM	3.90	17.06
		PM ₁₀	2.34	10.24
		PM _{2.5}	1.95	8.53
		HCL	1.64	7.18
		DIOXINS/FURANS	<0.00001	<0.00001
MELT-STK	Combined POC emissions from Melting Furnace No. 1 (24.0 MMBtu/hr) and Melting Furnace No. 2 (24.0 MMBtu/hr) FINs: MELTBURN-1 and MELTBURN-2	PM	0.36	1.57
		PM ₁₀	0.36	1.57
		PM _{2.5}	0.36	1.57
		VOC	0.26	1.13
		SO ₂	0.03	0.12
		NO _x	1.75	7.66
		CO	3.40	14.91
BH-MELT	Process emissions from Melting Reverb Door Baghouse. FIN: BH-MELT	PM	0.63	2.76
		PM ₁₀	0.63	2.76
		PM _{2.5}	0.63	2.76
BH-MELT	POC emissions from East Prime Preheat Oven (1.35 MMBtu/hr) FIN: PREOVN-E	PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
		VOC	<0.01	0.03
		SO ₂	<0.01	<0.01
		NO _x	0.08	0.37
		CO	0.34	1.50
FILT BURN	Cast House Filtration Burner (0.15 MMBtu/hr) FIN: FILT BURN	PM	<0.01	<0.01
		PM ₁₀	<0.01	<0.01
		PM _{2.5}	<0.01	<0.01
		VOC	<0.01	<0.01

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FILTURNS	Cast House Filtration Burner (0.15 MMBtu/hr) FIN: FILTURNS	SO ₂	<0.01	<0.01
		NO _x	0.01	0.06
		CO	0.01	0.05
DCCROPFUG	Cast House Crop Saw FIN: DCCROPFUG	PM	0.04	0.17
		PM ₁₀	0.04	0.17
		PM _{2.5}	0.04	0.17
DEGAS	Cast House Degassing Unit FIN: DEGAS	PM	0.10	0.45
		PM ₁₀	0.06	0.27
		PM _{2.5}	0.05	0.22
		HCL	0.41	1.80
All Emission Points at the Site	All Sources at the Site	Individual HAP	---	<10
		Total HAPs	---	<25

- (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 PM₁₀ and PM_{2.5}, as represented
- PM₁₀ - total particulate matter equal to or less than 10 microns in diameter, including PM_{2.5}, as represented
- PM_{2.5} - particulate matter equal to or less than 2.5 microns in diameter
- CO - carbon monoxide
- HCl - hydrogen chloride
- (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

Date: May 7, 2021