

Emission Sources - Maximum Allowable Emission Rates

Permit Number 2489A

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 (11)		
					lbs/hour	TPY (4)
MELT SHOP						
ST-B1	EAF-2, Ladle-2 Drying, and Scrap Drying Baghouse Stack			CO	1.55	3.07
				NO _x	0.76	1.70
				PM	0.12	0.43
				PM ₁₀	0.12	0.43
				PM _{2.5}	0.12	0.43
				SO ₂	0.06	0.14
				VOC	0.11	0.25
ST-B8	EAF- 2 Baghouse Stack			CO	22.95	44.46
				NO _x	6.74	15.68
				PM	0.21	0.90
				PM ₁₀	0.21	0.90
				PM _{2.5}	0.21	0.90
				SO ₂	1.14	2.65
				VOC	1.66	3.87
ST-B24	EAF-3, Ladle-4 Drying, and Scrap Drying Baghouse Stack			CO	29.33	61.60
				NO _x	8.92	22.33
				PM	0.31	1.26
				PM ₁₀	0.31	1.26
				PM _{2.5}	0.31	1.26

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		SO ₂	1.44	3.63
		VOC	2.12	5.34
FOUNDRY OPERATIONS				
ST-SCR2	Cold Box Core Making Scrubber Stack	VOC	0.12	1.00
ST-B18	B-18 Baghouse Stack FIN: ASPF	CO	13.25	27.56
		NO _x	0.26	0.53
		PM	0.27	1.14
		PM ₁₀	0.27	1.14
		PM _{2.5}	0.27	1.14
		SO ₂	2.22	4.62
		VOC	19.43	40.42
ST-B20	B-20 Baghouse Stack FIN: ASPF	CO	13.25	27.56
		NO _x	0.26	0.53
		PM	0.16	0.66
		PM ₁₀	0.16	0.66
		PM _{2.5}	0.16	0.66
		SO ₂	2.22	4.62
		VOC	19.43	40.42
ST-B21	B-21 Baghouse Stack FIN: ASPF	CO	13.25	27.56
		NO _x	0.26	0.53
		PM	0.13	0.54
		PM ₁₀	0.13	0.54
		PM _{2.5}	0.13	0.54
		SO ₂	2.22	4.62
		VOC	19.43	40.42

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ST-B18, ST-B20, and ST-B21	B-18, B-20, and B-21 Baghouse Stacks	CO	-	27.56
		NO _x	-	0.53
		SO ₂	-	4.62
		VOC	-	40.42
ST-B9	B-9 Baghouse Stack (South Foundry Hot Sand Elevator 1 & 2, Vibramill Sand Reclaim, Metering Belt Conveyor, Roberts New Sand Tank, Air Set Mold Cooling, East Shakeout, Torch Tables 1 & 2, South Arc Wash, and Casting Cleanings)	CO	4.40	9.15
		NO _x	0.11	0.22
		PM	0.13	0.54
		PM ₁₀	0.13	0.54
		PM _{2.5}	0.13	0.54
		SO ₂	1.65	3.43
		VOC	7.40	15.39
ST-B19	B-19 Baghouse Stack FINs: SFHSE-1, SFHSE-2, MILL, MBC-1, SCC, SFC, and ESO	CO	4.40	9.15
		NO _x	0.11	0.22
		PM	0.33	1.40
		PM ₁₀	0.33	1.40
		PM _{2.5}	0.33	1.40
		SO ₂	1.65	3.43
		VOC	7.40	15.39
ST-B9 and ST-B19	ST-B9 and ST-B19 Baghouse Stacks	CO	-	9.15
		NO _x	-	0.22
		SO ₂	-	3.43
		VOC	-	15.39
ST-B25	B-25 Baghouse Stack FINs: SFSH, MBC-2, RST, ASTR, RSBC	CO	0.51	1.83
		NO _x	0.37	1.35
		PM	0.08	0.28

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		PM ₁₀	0.08	0.28
		PM _{2.5}	0.08	0.28
		SO ₂	<0.004	0.01
		VOC	1.03	3.70
ST-B26	B-26 Baghouse Stack	PM	0.03	0.12
	FINs: NFBB, NFNST, and CORE-1B	PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
		VOC	5.28	10.99
ST-B27	Air Set Mixer Baghouse Stack	PM	0.03	0.12
		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
		VOC	5.28	10.99
ST-B26 and ST-B27	B-26 and B-27 Baghouse Stacks	VOC	-	10.99
	FINs: NFBB,NFNST, CORE-1B, and Air Set Mixer			
BLDGFUG	South Foundry Building Fugitives (5)	CO	0.23	0.42
	FINs: MOLD-1, MWAFF, ASTORCH, CMW, CTORCH, CORE-1A, CORE-1D, RTNK-1, and RTNK-2	NO _x	0.15	0.50
		PM	0.12	0.23
		PM ₁₀	0.12	0.23
		PM _{2.5}	0.10	0.20
		SO ₂	0.00095	0.003
		VOC	15.86	21.54
Target Foundry Operations				
ST-B22	B-22 Baghouse Stack	PM	0.31	1.30
	FINs: DAFM-1, TFSFRST,TFSFFRS, TFSFM, TFSFHSE-1, TFSFHSE-2, TFSFMC, SOE-3, TFSFSRC, TFSFPO, TFSFNST, TFSFNSB, TFSFBT, TFSFBB,	PM ₁₀	0.31	1.30
		PM _{2.5}	0.31	1.30

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		CO	0.59	1.07
		NO _x	0.62	1.27
		SO ₂	<0.004	<0.008-
		VOC	9.24	21.02
ST-B23	B-23 Baghouse Stack FINs: DAFM-1, TFSFRST,TFSFRS, TFSFM, TFSFHSE-1, TFSFHSE-2, TFSFMC, SOE-3, TFSFSRC,TFSFPO,TFSFNST, TFSFNSB, TFSFBT,TFSFBB, TFSFSD, TFSFSR, DAFM-2	PM	0.31	1.30
		PM ₁₀	0.31	1.30
		PM _{2.5}	0.31	1.30
		CO	0.59	1.07
		NO _x	0.62	1.27
		SO ₂	<0.004	<0.008
		VOC	9.24	21.02
ST-B22 and ST-B23	B-22 and B-23 Baghouse Stacks FINs: DAFM-1, TFSFRST,TFSFRS, TFSFM, TFSFHSE-1, TFSFHSE-2, TFSFMC, SOE-3, TFSFSRC,TFSFPO,TFSFNST, TFSFNSB, TFSFBT,TFSFBB, TFSFSD, TFSFSR, DAFM-2	CO	-	1.07
		NO _x	-	1.27
		SO ₂	-	<0.008
		VOC	-	21.02
TFBLDGFUG	Target Foundry Building Fugitives (5)	PM	0.08	0.18
		PM ₁₀	0.08	0.18
		PM _{2.5}	0.06	0.14
FINISHING OPERATIONS				
AUSTFURN1B	Austenizing Furnace 1B Stack	PM	0.01	0.15
		PM ₁₀	0.01	0.15
		PM _{2.5}	0.01	0.15
		CO	0.13	1.67
		NO _x	0.06	0.79
		SO ₂	<0.001	0.01

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		VOC	0.008	0.11
AUSTFURN2B	Austenizing Furnace 2B Stack	PM	0.01	0.15
		PM ₁₀	0.01	0.15
		PM _{2.5}	0.01	0.15
		CO	0.13	1.67
		NO _x	0.06	0.79
		SO ₂	<0.001	0.01
		VOC	0.008	0.11
AUSTFURN3B	Austenizing Furnace 3B Stack	PM	0.01	0.15
		PM ₁₀	0.01	0.15
		PM _{2.5}	0.01	0.15
		CO	0.13	1.67
		NO _x	0.06	0.79
		SO ₂	<0.001	0.01
		VOC	0.008	0.11
AUSTFURN4B	Austenizing Furnace 4B Stack	PM	0.01	0.15
		PM ₁₀	0.01	0.15
		PM _{2.5}	0.01	0.15
		CO	0.13	1.67
		NO _x	0.06	0.79
		SO ₂	<0.001	0.01
		VOC	0.008	0.11
AUSTFURN5	Austenizing Furnace 5 Stack	PM	0.01	0.02
		PM ₁₀	0.01	0.02
		PM _{2.5}	0.01	0.02

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		CO	0.13	0.19
		NO _x	0.06	0.08
		SO ₂	<0.001	0.0012
		VOC	0.008	0.01
TEMPFUR1B	Tempering Furnace 1B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR2B	Tempering Furnace 2B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR3B	Tempering Furnace 3B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11

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TEMPFUR4B	Tempering Furnace 4B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR5B	Tempering Furnace 5B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR6B	Tempering Furnace 6B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR7B	Tempering Furnace 7B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67

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		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR8B	Tempering Furnace 8B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR9B	Tempering Furnace 9B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR10B	Tempering Furnace 10B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11

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TEMPFUR11B	Tempering Furnace 11B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
TEMPFUR12B	Tempering Furnace 12B Stack	PM	0.006	0.15
		PM ₁₀	0.006	0.15
		PM _{2.5}	0.006	0.15
		CO	0.06	1.67
		NO _x	0.0075	0.79
		SO ₂	<0.0005	0.01
		VOC	0.004	0.11
AUSTFURN1B-4B and TEMPFUR1B-12B	Heat Treat Facility B FINs: AUSTFURN1B-4B, and TEMPFUR1B-12B	PM	-	0.15
		PM ₁₀	-	0.15
		PM _{2.5}	-	0.15
		CO	-	1.67
		NO _x	-	0.79
		SO ₂	-	0.01
		VOC	-	0.11
DRWFURN	Draw Furnace (5)	PM	0.03	0.11
		PM ₁₀	0.03	0.11
		PM _{2.5}	0.03	0.11
		CO	0.39	1.38

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		NO _x	0.17	0.59
		SO ₂	<0.003	<0.009
		VOC	0.02	0.08
CT6	Heat Treat B Cooling Tower	PM	0.0042	0.02
		PM ₁₀	0.0016	<0.007
		PM _{2.5}	0.0016	<0.007
BTH-1	Spray Paint Booth	PM	<0.008	0.04
		PM ₁₀	<0.008	0.04
		PM _{2.5}	<0.008	0.04
		VOC	3.78	9.00
BTH-2	Spray Paint Booth	PM	<0.007	0.04
		PM ₁₀	<0.007	0.04
		PM _{2.5}	<0.007	0.04
		VOC	3.18	9.00
BTH-1 BTH-2	Spray Paint Booth Stack	PM	-	0.04
		PM ₁₀	-	0.04
		PM _{2.5}	-	0.04
		VOC	-	9.00

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PBHTR1	Paint Booth Heater 1 Stack	PM	<0.002	<0.003
		PM ₁₀	<0.002	<0.003
		PM _{2.5}	<0.002	<0.003
		CO	0.02	0.04
		NO _x	0.01	0.02
		SO ₂	<0.0002	<0.0003
		VOC	<0.002	<0.003
PBHTR2	Paint Booth Heater 2 Stack	PM	<0.002	<0.003
		PM ₁₀	<0.002	<0.003
		PM _{2.5}	<0.002	<0.003
		CO	0.02	0.04
		NO _x	0.01	0.02
		SO ₂	<0.0002	<0.0003
		VOC	<0.002	<0.003
PBHTR3	Paint Booth Heater 3 Stack	PM	<0.002	<0.003
		PM ₁₀	<0.002	<0.003
		PM _{2.5}	<0.002	<0.003
		CO	0.02	0.04
		NO _x	0.01	0.02
		SO ₂	<0.0002	<0.0003
		VOC	<0.002	<0.003

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INSPECTFUG	Inspection Area (6)	PM	0.03	0.02
		PM ₁₀	0.03	0.02
		PM _{2.5}	0.03	0.02
		VOC	7.52	5.19
STGBLDGFUG	Aerosol Can Puncturing Station	VOC	0.14	0.09
SP1	Byproduct Storage Area Pile 1 (5)	PM	0.08	0.27
		PM ₁₀	0.04	0.13
		PM _{2.5}	<0.006	0.02
SP2	Byproduct Storage Area Pile2 (5)	PM	0.02	0.07
		PM ₁₀	0.01	0.03
		PM _{2.5}	<0.001	<0.005
ROADFUG	Road Fugitives (5) Receive Driveway, Air-set Scrap and Sand Delivery, Sand Slag Road, Bulk Storage, and Shipping	PM	2.03	2.84
		PM ₁₀	0.44	0.66
		PM _{2.5}	0.08	0.10
ST-B11	Baghouse B-11 Stack (Shot Blast Swing Table, Shot Blast Machine 5, Shot Blast Machine 6, and South Arc Wash)	PM	0.14	0.50
		PM ₁₀	0.14	0.50
		PM _{2.5}	0.14	0.50
ST-B10	Baghouse B-10 Stack (North Arc Wash)	PM	0.05	0.18
		PM ₁₀	0.05	0.18
		PM _{2.5}	0.05	0.18
		CO	<0.002	0.006
		NO _x	0.002	0.007
		SO ₂	<0.00002	<0.00005
		VOC	0.0001	0.0004
ST-B16	Baghouse B-16 Stack (North Arc Wash)	PM	0.03	0.12

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		PM ₁₀	0.03	0.12
		PM _{2.5}	0.03	0.12
Standard Exemption (SE) and Permit By Rule (PBR) Sources incorporated by reference. Sources remain authorized by the SEs and PBR(s) as listed below:				
106.320- MISCELLANEOUS METALLIC TREATMENT				
OVENABC	Heat Treat Oven A (5 & 8) Heat Treat Oven B (5 & 8) Heat Treat Oven C (5 & 8)	PM	0.20	0.44
		PM ₁₀	0.20	0.44
		PM _{2.5}	0.20	0.44
		CO	2.24	4.90
		NO _x	1.45	3.18
		SO ₂	0.02	0.04
		VOC	0.15	0.32
OVENFUG-E	Heat Treat Oven E (5)	PM	0.05	0.04
		PM ₁₀	0.05	0.04
		PM _{2.5}	0.05	0.04
		CO	0.51	0.41
		NO _x	0.33	0.26
		SO ₂	0.004	<0.003
		VOC	0.03	0.03

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AUSTFURN1	Austenizing Furnace 1	PM	0.01	-
		PM ₁₀	0.01	-
		PM _{2.5}	0.01	-
		CO	0.13	-
		NO _x	0.06	-
		SO ₂	<0.001	-
		VOC	<0.009	-
AUSTFURN2	Austenizing Furnace 2	PM	0.01	-
		PM ₁₀	0.01	-
		PM _{2.5}	0.01	-
		CO	0.13	-
		NO _x	0.06	-
		SO ₂	<0.001	-
		VOC	<0.009	-
AUSTFURN3	Austenizing Furnace 3	PM	0.01	-
		PM ₁₀	0.01	-
		PM _{2.5}	0.01	-
		CO	0.13	-
		NO _x	0.06	-
		SO ₂	<0.001	-
		VOC	<0.009	-
AUSTFURN4	Austenizing Furnace 4	PM	0.01	-
		PM ₁₀	0.01	-
		PM _{2.5}	0.01	-
		CO	0.13	-

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		NO _x	0.06	-
		SO ₂	<0.001	-
		VOC	<0.009	-
TEMPFURN1	Tempering Furnace 1	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN2	Tempering Furnace 2	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN3	Tempering Furnace 3	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN4	Tempering Furnace 4	PM	<0.006	-

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		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN5	Tempering Furnace 5	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN6	Tempering Furnace 6	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN7	Tempering Furnace 7	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-

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		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN8	Tempering Furnace 8	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN9	Tempering Furnace 9	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	0.06	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN10	Tempering Furnace 10	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN11	Tempering Furnace 11	PM	<0.006	-
		PM ₁₀	<0.006	-

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
TEMPFURN12	Tempering Furnace 12	PM	<0.006	-
		PM ₁₀	<0.006	-
		PM _{2.5}	<0.006	-
		CO	0.06	-
		NO _x	<0.008	-
		SO ₂	<0.001	-
		VOC	0.004	-
AUSTFUR 1-4 and TEMPFURN 1-12	Heat Treat Facility A Austenizing Furnaces 1-4 and Tempering Furnaces 1-12	PM	-	0.15
		PM ₁₀	-	0.15
		PM _{2.5}	-	0.15
		CO	-	1.67
		NO _x	-	0.79
		SO ₂	-	0.01
		VOC		0.11
SE 102: Registration No. 31190				
ST-B17	Shot Blast No. 7 Baghouse Stack	PM	0.13	0.46
		PM ₁₀	0.13	0.46
		PM _{2.5}	0.13	0.46
SE 40: Hand Held and Manually Operated Machines				
CLEANRM-1 (7)	Break-Off Area (5)	PM	0.04	0.14

Emission Sources - Maximum Allowable Emission Rates

		PM ₁₀	0.04	0.14
		PM _{2.5}	0.01	0.04
	Stand Grinders FIN: GRIND-1	PM	0.34	0.22
		PM ₁₀	0.34	0.22
		PM _{2.5}	0.10	0.07
	Booth Grinders FIN: GRIND -2	PM	<0.003	<0.009
		PM ₁₀	<0.003	<0.009
		PM _{2.5}	<0.003	<0.009
Wood-2	Pattern Shop (5)	PM	<0.002	<0.002
		PM ₁₀	<0.002	<0.002
		PM _{2.5}	<0.002	<0.002
PBR 106.265: Hand Held and Manually Operated Machines				
FITFUG	Finishing Operations (5)	PM	0.01	0.04
		PM ₁₀	0.01	0.04
		PM _{2.5}	0.01	0.04
SE 102: Abrasive Cleaning				
ST-B3	Shot Blast Machine No. 1	PM	0.03	0.09
		PM ₁₀	0.03	0.09
		PM _{2.5}	0.03	0.09
ST-B7	Shot Blast Machine No. 4	PM	0.02	0.06
		PM ₁₀	0.02	0.06
		PM _{2.5}	0.02	0.06
PBR 106.183: Boilers, Heaters, and Other Combustion Devices				
HTBOX	Hot Box Oven (5 & 9)	PM	<0.006	0.02
		PM ₁₀	<0.006	0.02

Emission Sources - Maximum Allowable Emission Rates

		PM _{2.5}	<0.006	0.02
		CO	0.06	0.22
		NO _x	0.07	0.26
		SO ₂	<0.0004	<0.0016
		VOC	0.004	0.01
PBR 106.454: Degreasing Unit				
DEGREASER	Maintenance Shop Parts Washer (5 & 10)	VOC	0.28	0.65
PBR 106.371: Cooling Water Units				
CT-1	EAF Cooling Tower	PM	0.01	0.04
		PM ₁₀	<0.004	0.02
		PM _{2.5}	<0.004	0.02
CT-2	Target Foundry Cooling Tower	PM	0.004	0.02
		PM ₁₀	<0.002	<0.007
		PM _{2.5}	<0.002	<0.007
CT-3	Heat Treat Cooling Tower	PM	0.004	0.02
		PM ₁₀	<0.002	<0.007
		PM _{2.5}	<0.002	<0.007
CT-4	EVAPCO Cooling Tower	PM	0.005	0.02
		PM ₁₀	<0.002	<0.009
		PM _{2.5}	<0.002	<0.009
CT-5	Target EAF Cooling Tower	PM	0.01	0.04
		PM ₁₀	<0.004	0.02
		PM _{2.5}	<0.004	0.02

- (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 Title 30 Texas Administrative Code § 101.1

Emission Sources - Maximum Allowable Emission Rates

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

- (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) Some fugitives from paint application used in the Inspection Area, EPN INSPECTFUG, may also be used and emitted through the FIT Building, EPN FITFUG.
- (7) FINs BREAKOFF, GRIND-1, and GRIND-2 emit fugitives out of the CLEANRM-1 area.
- (8) FINs OVN-A, OVN-B, and OVN-C emit out of a single stack.
- (9) FIN HTBOX emits fugitives out of the building at EPN CLEANRM-2 FUG.
- (10) FIN DEGREASER emits fugitives out of the FIT Building at EPN FITFUG.
- (11) Planned startup and shutdown emissions are included. Maintenance activities, except for those specified in Special Condition No. 32, are not authorized by this permit and will need separate authorization, unless the activity can meet the conditions of 30 TAC § 116.119.

Date: July 28, 2014