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	
			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	0.86	2.51
		PM	0.12	0.43
		PM_{10}	0.12	0.43
		$PM_{2.5}$	0.12	0.43
		SO_2	0.06	0.58
		VOC	0.11	0.25
ST-B8	EAF 2 Baghouse Stack	CO	22.95	44.46
		NO_x	8.69	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	47.53
		NO_x	8.92	61.74
		PM	0.31	1.26
		PM_{10}	0.31	1.26

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		$PM_{2.5}$	0.31	1.26
		SO_2	1.44	3.63
		VOC	2.12	4.12
FOUNDRY OPERATIONS				
ST-SCR2	Cold Box Core Making Scrubber Stack	VOC	0.12	1.00
ST-B9	B9 Baghouse Stack FINs: SFNST, SFRST, SFHSE-1, SFHSE-2, MILL,MBC-1, RNST, SCC, KRST,ASPF,SFC, and ESO	CO	17.66	-
		NO_x	0.37	-
		PM	0.13	0.54
		PM_{10}	0.13	0.54
		$PM_{2.5}$	0.13	0.54
		SO_2	3.86	-
		VOC	26.84	-
ST-B14	B14 Baghouse Stack FINs: SFNST, SFRST, SFHSE-1, SFHSE-2, MILL,MBC-1, RNST, SCC, KRST,ASPF,SFC, and ESO	CO	17.66	-
		NO_x	0.37	-
		PM	0.14	0.58
		PM_{10}	0.14	0.58
		$PM_{2.5}$	0.14	0.58
		SO_2	3.86	-
		VOC	26.84	-
ST-B15	B-15 Baghouse Stack FINs: SFNST, SFRST, SFHSE-1, SFHSE-2, MILL,MBC-1, RNST, SCC, KRST,ASPF,SFC, and ESO	CO	17.66	-
		NO_x	0.37	-
		PM	0.05	0.22
		PM_{10}	0.05	0.22
		$PM_{2.5}$	0.05	0.22
		SO_2	3.86	-

Emission Sources - Maximum Allowable Emission Rates

		VOC	26.84	-
ST-B18	B-18 Baghouse Stack FINs: SFNST, SFRST, SFHSE-1, SFHSE-2, MILL,MBC-1, RNST, SCC, KRST,ASPF,SFC, and ESO	CO	17.66	-
		NO_x	0.37	-
		PM	0.27	1.14
		PM_{10}	0.27	1.14
		$PM_{2.5}$	0.27	1.14
		SO_2	3.86	-
		VOC	26.84	-
ST-B19	B-19 Baghouse Stack FINs: SFNST, SFRST, SFHSE-1, SFHSE-2, MILL,MBC-1, RNST, SCC, KRST,ASPF,SFC, and ESO DRAFT	CO	17.66	-
		NO_x	0.37	-
		PM	0.33	1.40
		PM_{10}	0.33	1.40
		$PM_{2.5}$	0.33	1.40
		SO_2	3.86	-
		VOC	26.84	-
ST-B20	B-20 Baghouse Stack FINs: SFNST, SFRST, SFHSE-1, SFHSE-2, MILL,MBC-1, RNST, SCC, KRST,ASPF,SFC, and ESO	CO	17.66	-
		NO_x	0.37	-
		PM	0.16	0.66
		PM_{10}	0.16	0.66
		$PM_{2.5}$	0.16	0.66
		SO_2	3.86	-
		VOC	26.84	-

Emission Sources - Maximum Allowable Emission Rates

ST-B21	B-21 Baghouse Stack FINs: SFNST, SFRST, SFHSE-1, SFHSE-2, MILL,MBC-1, RNST, SCC, KRST,ASPF,SFC, and ESO	CO	17.66	-
		NO_x	0.37	-
		PM	0.13	0.54
		PM_{10}	0.13	0.54
		$PM_{2.5}$	0.13	0.54
		SO_2	3.86	-
		VOC	26.84	-
ST-B9, ST-B14, ST-B15, ST-B18, ST-B19, ST-B20, and ST-B21	B-9, B14, B15,B18, B19, B20, and B21 Baghouse Stacks FINs: SFNST, SFRST, SFHSE-1, SFHSE-2, Mill, MBC-1, RNST, SCC, KRST, ASPF,SFC, and ESO	CO	-	36.73
		NO_x	-	0.76
		SO_2	-	8.03
		VOC	-	55.84
ST-B25	B-25 Baghouse Stack FINs: SFSH, MBC-2, RST, ASTR, RSBC	CO	0.64	2.29
		NO_x	0.56	2.03
		PM	0.38	1.36
		PM_{10}	0.38	1.36
		$PM_{2.5}$	0.38	1.36
		SO_2	<0.005	0.02
		VOC	1.03	3.70
ST-B26	B-26 Baghouse Stack FINs: NFBB, NFNST, and CORE-1B	PM	0.03	0.12
		PM_{10}	0.03	0.12
		$PM_{2.5}$	0.03	0.12
		VOC	5.28	-

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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	-
ST-B26 and ST-B27	B26 and B27 Baghouse Stacks FINs: NFBB,NFNST, CORE-1B, and Air Set Mixer	VOC	-	10.99
BLDGFUG	South Foundry Buillding Fugitives (5) FINs: MOLD-1, MWAF-F, ASTORCH, CMW, CTORCH, CORE-1A, CORE-1D, RTNK-1, and RTNK-2	CO	0.76	1.41
		NO_x	0.71	1.68
		PM	0.86	1.46
		PM_{10}	0.86	1.46
		$PM_{2.5}$	0.86	1.46
		SO_2	0.004	0.01
		VOC	15.90	21.61
Target Foundry Operations				
ST-B22	B22 Baghouse Stack FINs: DAFM-1, TFSFRST,TFSFFRS, 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	-
		NO_x	0.62	-
		SO_2	<0.004	-
		VOC	9.24	-

Emission Sources - Maximum Allowable Emission Rates

ST-B23	B23 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	-
		NO_x	0.62	-
		SO_2	<0.004	-
		VOC	9.24	-
ST-B22 and ST-B23	B22 and B23 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	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.13.	-
		NO_x	0.09	-
		SO_2	<0.001	-
		VOC	0.008	-

Emission Sources - Maximum Allowable Emission Rates

AUSTFURN2B	Austenizing Furnace 2B Stack	PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.13.	-
		NO_x	0.09	-
		SO_2	<0.001	-
		VOC	0.008	-
AUSTFURN3B	Austenizing Furnace 3B Stack	PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.13.	-
		NO_x	0.09	-
		SO_2	<0.001	-
		VOC	0.008	-
AUSTFURN4B	Austenizing Furnace 4B Stack	PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.13.	-
		NO_x	0.09	-
		SO_2	<0.001	-
		VOC	0.008	-
AUSTFURN5	Austenizing Furnace 5 Stack	PM	0.01	0.02
		PM_{10}	0.01	0.02
		$PM_{2.5}$	0.01	0.02
		CO	0.13.	0.17

Emission Sources - Maximum Allowable Emission Rates

		NO_x	0.09	0.12
		SO_2	<0.001	0.0012
		VOC	0.008	0.01
TEMPFUR1B	Tempering Furnace 1B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.0061	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR2B	Tempering Furnace 2B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR3B	Tempering Furnace 3B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR4B	Tempering Furnace 4B Stack	PM	0.006	-

Emission Sources - Maximum Allowable Emission Rates

		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR5B	Tempering Furnace 5B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR6B	Tempering Furnace 6B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR7B	Tempering Furnace 7B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-

Emission Sources - Maximum Allowable Emission Rates

		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR8B	Tempering Furnace 8B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR9B	Tempering Furnace 9B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR10B	Tempering Furnace 10B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR11B	Tempering Furnace 11B Stack	PM	0.006	-
		PM_{10}	0.006	-

Emission Sources - Maximum Allowable Emission Rates

		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
TEMPFUR12B	Tempering Furnace12B Stack	PM	0.006	-
		PM_{10}	0.006	-
		$PM_{2.5}$	0.006	-
		CO	0.06.	-
		NO_x	0.05	-
		SO_2	<0.001	-
		VOC	0.004	-
AUSTFURN1B-4B and TEMPFUR1B-12B	Heat Treat Facility B Fins: AUSTFUR1B-4B, and TEMPFUR1B-12B	PM	-	0.15
		PM_{10}	-	0.15
		$PM_{2.5}$	-	0.15
		CO	-	1.67
		NO_x	-	1.18
		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	0.35	1.23

Emission Sources - Maximum Allowable Emission Rates

CT6	Heat Treat B Cooling Tower	NO_x	0.42	1.46
		SO_2	<0.003	<0.009
		VOC	0.02	0.08
		PM	0.0042	0.02
		PM_{10}	0.0016	<0.007
BTH-1	Spray Paint Booth	$PM_{2.5}$	0.0016	<0.007
		PM	<0.008	-
		PM_{10}	<0.008	-
		$PM_{2.5}$	<0.008	-
		VOC	3.78	
BTH-2	Spray Paint Booth	PM	<0.007	-
		PM_{10}	<0.007	-
BTH-1	Spray Paint Booth Stack	$PM_{2.5}$	<0.007	-
		VOC	3.18	-
		PM	-	0.04
		PM_{10}	-	0.04
		$PM_{2.5}$	-	0.04
		VOC	-	9.00

Emission Sources - Maximum Allowable Emission Rates

PBHTR1	Paint Booth Heater 1 Stack	PM	<0.002	<0.01
		PM_{10}	<0.002	<0.01
		$PM_{2.5}$	<0.002	<0.01
		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	<0.01
		PM_{10}	<0.002	<0.01
		$PM_{2.5}$	<0.002	<0.01
		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	<0.01
		PM_{10}	<0.002	<0.01
		$PM_{2.5}$	<0.002	<0.01
		CO	0.02	0.04
		NO_x	0.01	0.02
		SO_2	<0.0002	<0.0003
		VOC	<0.002	<0.003
INSPECTFUG	Inspection Area (6)	PM	0.29	0.20
		PM_{10}	0.29	0.20
		$PM_{2.5}$	0.29	0.20
		VOC	7.52	5.19

Emission Sources - Maximum Allowable Emission Rates

STGBLDGFUG	Aerosol Can Puncturing Station	VOC	0.14	0.09
SP1	Byproduct Storage Area Pile 1 (5)	PM	0.10	0.33
		PM_{10}	0.05	0.17
		$PM_{2.5}$	<0.007	0.02
SP2	Byproduct Storage Area Pile2	PM	0.02	0.08
		PM_{10}	0.01	0.04
		$PM_{2.5}$	<0.002	<0.006
RDFUG	Road Fugitives (5)	PM	2.03	2.84
ST-B11	Baghouse B11 Stack	PM_{10}	0.44	0.66
		$PM_{2.5}$	0.08	0.10
		PM	0.42	1.50
ST-B10	Torch Table 1 and 2 Stack	PM_{10}	0.42	1.50
		$PM_{2.5}$	0.42	1.50
		PM	0.25	0.91
		PM_{10}	0.25	0.91
ST-B16	North Arc Wash Stack	$PM_{2.5}$	0.25	0.91
		PM	0.15	0.55
		PM_{10}	0.15	0.55
		$PM_{2.5}$	0.15	0.55

Emission Sources - Maximum Allowable Emission Rates

CLNRM-2 FUG	Casting Cleaning FIN: Torch (5)	CO	0.25	0.89
		NO_x	0.30	1.06
		PM	0.02	0.08
		PM_{10}	0.02	0.08
		$PM_{2.5}$	0.02	0.08
		SO_2	0.0018	0.0064
		VOC	0.02	0.06
Standard				
106.320-				
OVENFUG -A	Heat Treat Oven A (5 & 8)	PM	0.06	0.14
		PM_{10}	0.06	0.14
		$PM_{2.5}$	0.06	0.14
		CO	0.31	0.68
		NO_x	0.41	0.90
		SO2	0.005	0.01
		VOC	0.05	0.10
OVENFUG-B	Heat Treat Oven B (5 & 8)	PM	0.06	0.14
		PM_{10}	0.06	0.14
		$PM_{2.5}$	0.06	0.14
		CO	0.31	0.68
		NO_x	0.41	0.90
		SO2	0.005	0.01
		VOC	0.05	0.10

Emission Sources - Maximum Allowable Emission Rates

OVENFUG- C	Heat Treat Oven C (5 & 8)	PM	0.06	0.14
		PM_{10}	0.06	0.14
		$PM_{2.5}$	0.06	0.14
		CO	0.31	0.68
		NO_x	0.41	0.90
		SO2	0.005	0.01
		VOC	0.05	0.10
OVENFUG-E	Heat Treat Oven E (5)	PM	0.06	0.14
		PM_{10}	0.06	0.14
		$PM_{2.5}$	0.06	0.14
		CO	0.31	0.68
	DRAFT	NO_x	0.41	0.90
		SO2	0.005	0.01
		VOC	0.05	0.10
AUSTFURN1	Austenizing Furnace 1	PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.01	-
		NO_x	0.16	-
		SO2	<0.001	-
		VOC	<0.01	-
AUSTFURN2	Austenizing Furnace 2	PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.01	-

Emission Sources - Maximum Allowable Emission Rates

AUSTFURN3	Austenizing Furnace 3	NO_x	0.16	-
		SO2	<0.001	-
		VOC	<0.01	-
		PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.01	-
NO_x 0.16 -				
SO2 <0.001 -				
AUSTFURN4	Austenizing Furnace 4	VOC	<0.01	-
		PM	0.01	-
		PM_{10}	0.01	-
		$PM_{2.5}$	0.01	-
		CO	0.01	-
		NO_x	0.16	-
		SO2	<0.001	-
TEMPFURN1	Tempering Furnace #1	VOC	<0.01	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
		VOC	0.004	-

Emission Sources - Maximum Allowable Emission Rates

TEMPFURN2	Tempering Furnace #2	PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
TEMPFURN3	Tempering Furnace #3	VOC	0.004	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
TEMPFURN4	Tempering Furnace #4	VOC	0.004	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
		VOC	0.004	-

Emission Sources - Maximum Allowable Emission Rates

TEMPFURN5	Tempering Furnace #5	PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
TEMPFURN6	Tempering Furnace #6	VOC	0.004	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
TEMPFURN7	Tempering Furnace #7	VOC	0.004	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
		VOC	0.004	-

Emission Sources - Maximum Allowable Emission Rates

TEMPFURN8	Tempering Furnace #8	PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
TEMPFURN9	Tempering Furnace #9	VOC	0.004	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
TEMPFURN10	Tempering Furnace #10	VOC	0.004	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
TEMPFURN11	Tempering Furnace #11	VOC	0.004	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-

Emission Sources - Maximum Allowable Emission Rates

		NO_x	0.06	-
		SO2	<0.001	-
TEMPFURN12	Tempering Furnace #12	VOC	0.004	-
		PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
AUSTFUR 1-4 and	Heat Treat Facility A	VOC	0.004	-
		PM	-	0.15
		PM_{10}	-	0.15
		$PM_{2.5}$	-	0.15
		CO	-	1.46
		NO_x	-	2.15
		SO2	-	0.01
S E 102: Registration No. ST-B17	Shot Blast No. 7 Baghouse Stack	VOC		0.11
		PM	0.26	1.37
		PM_{10}	0.26	1.37
		$PM_{2.5}$	0.26	1.37
S.E. 40: Hand Held and Manually CLEANRM-1 (7)	Break-Off Area (5)			
		PM	0.85	1.58
		PM_{10}	0.85	1.58
		$PM_{2.5}$	0.26	0.47
	Stand Grinders	PM	0.85	0.22

Emission Sources - Maximum Allowable Emission Rates

		CO	0.06	-
		NO_x	0.06	-
		SO2	<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	-
		SO2	<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	0.06	-
		SO2	<0.001	-
		VOC	0.004	-
TEMPFURN11	Tempering Furnace #11	PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
		VOC	0.004	-

Emission Sources - Maximum Allowable Emission Rates

TEMPFURN12	Tempering Furnace #12	PM	<0.006	-
		PM_{10}	<0.006	-
		$PM_{2.5}$	<0.006	-
		CO	0.06	-
		NO_x	0.06	-
		SO2	<0.001	-
		VOC	0.004	-
AUSTFUR 1-4 and TEMPFURN 1-12	Heat Treat Facility A FINs: Austenizing Furnaces 1-4 and Tempering Furnaces 1-12	PM	-	0.15
		PM_{10}	-	0.15
		$PM_{2.5}$	-	0.15
		CO	-	1.46
		NO_x	-	2.15
		SO2	-	0.01
		VOC		0.11
S E 102: Registration No. 31190				
ST-B17	Shot Blast No. 7 Baghouse Stack	PM	0.26	1.37
		PM_{10}	0.26	1.37
		$PM_{2.5}$	0.26	1.37
S.E. 40: Hand Held and Manually Operated Machines				
CLEANRM-1 (7)	Break-Off Area (5)	PM	0.85	1.58
		PM_{10}	0.85	1.58
		$PM_{2.5}$	0.26	0.47
	Stand Grinders FIN: GRIND-1	PM	0.85	0.22
		PM_{10}	0.85	0.22
		$PM_{2.5}$	0.26	0.07

Emission Sources - Maximum Allowable Emission Rates

	Booth Grinders FIN: GRIND -2	PM	0.04	0.09
		PM_{10}	0.04	0.09
		$PM_{2.5}$	0.04	0.09
Wood-2	Pattern Shop (5)	PM	<0.002	<0.002
		PM10	<0.002	<0.002
		PM2.5	<0.002	<0.002
PBR 106.265: **Hand Held and Manually Operated Machines**				
FITFUG	Finishing Operations (5)	PM	0.85	1.98
		PM10	0.85	1.98
		PM2.5	0.26	0.59
S.E. 102: Abrasive Cleaning				
ST-B3	Shot Blast No. 1	PM	0.08	0.27
		PM10	0.08	0.27
		PM2.5	0.08	0.27
ST-B17	Shot Blast Machine N0. 7	PM	0.38	1.37
		PM10	0.38	1.37
		PM2.5	0.38	1.37
ST-B7	Shot Blast Machine No. 4	PM	0.02	0.06
		PM10	0.02	0.06
		PM2.5	0.02	0.06
PBR 106.183 Boilers, Heaters, and Other Combustion Devices				
HTBOX	Hot Box Oven (5 & 9)	PM	<0.006	0.02
		PM10	<0.006	0.02
		PM2.5	<0.006	0.02
		CO	0.06	0.22

Emission Sources - Maximum Allowable Emission Rates

		NO_x	0.07	0.26
		SO_2	<0.001	<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
		PM10	<0.004	0.02
		PM2.5	<0.004	0.02
CT-2	Target Foundry Cooling Tower	PM	0.004	0.02
		PM10	<0.002	<0.007
		PM2.5	<0.002	<0.007
CT-3	Heat Treat Cooling Tower	PM	0.004	0.02
		PM10	<0.002	<0.007
		PM2.5	<0.002	<0.007
CT-4	EVAPCO Cooling Tower	PM	0.005	0.02
		PM10	<0.002	<0.009
		PM2.5	<0.002	<0.009
CT-5	Target EAF Cooling Tower	PM	0.01	0.04
		PM10	<0.004	0.02
		PM2.5	<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) 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
SO_2 - sulfur dioxide

Emission Sources - Maximum Allowable Emission Rates

PM	-	total particulate matter, suspended in the atmosphere, including PM_{10} and $PM_{2.5}$, as represented
PM_{10}	-	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
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) Some fugitives from aerosol spray cans 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 fugitives out of the inspection building at EPN INSPECTFUG.
(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.

Date: _____