Emission Sources - Maximum Allowable Emission Rates

Permit Number 162531

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 (7)**	
			lbs/hour	**TPY (4)**
STM-01	Panel Stamping	VOC	<0.01	0.01
CAS-01 through CAS-03, CAS-05 (Cap)	Casting Furnaces	VOC	0.26	1.12
		PM_{10}	0.46	2.00
		$PM_{2.5}$	0.46	2.00
		NO_x	3.08	13.51
		CO	1.77	7.76
		SO_2	0.03	0.12
		Pb	<0.0001	0.0001
CAS-04 MC	Furnace Main Chamber	VOC	0.12	0.55
		PM_{10}	0.34	1.48
		$PM_{2.5}$	0.34	1.48
		NO_x	1.71	7.48
		CO	0.87	3.79
		SO_2	0.01	0.06
		Pb	<0.0001	0.0002
CAS-04 SW	Furnace Side Well	PM_{10}	0.04	0.18
		$PM_{2.5}$	0.04	0.18
		Pb	<0.0001	<0.0001
MC-123	Melt Furnaces 01, 02, 03	VOC	10.69	46.81
		PM_{10}	2.98	13.06
		$PM_{2.5}$	2.98	13.06
		NO_x	4.62	20.23
		CO	9.13	39.98
		SO_2	0.08	0.37

Emission Sources - Maximum Allowable Emission Rates

		Pb	<0.0001	<0.0002
		HCl	1.32	5.79
		HF	0.99	4.35
		NH_3	1.52	6.66
		Dioxins and Furans	7.44E-07	3.26E-06
MCSILO-01	Lime Silo 1	PM_{10}	0.11	0.49
		$PM_{2.5}$	0.11	0.49
MCSILO-02	Lime Silo 2	PM_{10}	0.11	0.49
		$PM_{2.5}$	0.11	0.49
CAS-21 through CAS-30	Metal Trimming Machines Cap	PM_{10}	0.03	0.12
		$PM_{2.5}$	0.03	0.12
		Pb	<0.0001	<0.0001
CAS-NH3	Casting Ammonia Tank	NH_3	1.16	0.68
DS-NH3	Die Shop Ammonia Tank	NH_3	0.16	0.68
LSRCUT-1&2	Laser Cutting	PM_{10}	0.23	1.00
		$PM_{2.5}$	0.23	1.00
LASABL	Laser Ablation	PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
BIW-01-01 through BIW-01-17	Body in White Sealers and Adhesives Line 1	VOC	2.15	4.72
BIW-02-01 through BIW-02-05	Body in White Sealers and Adhesives Line 2	VOC	2.15	4.72
SND-01	BIW Sanding 1	PM_{10}	0.08	0.37
		$PM_{2.5}$	0.08	0.37
		Pb	<0.0001	<0.001
SND-02	BIW Sanding 2	PM_{10}	0.08	0.37
		$PM_{2.5}$	0.08	0.37
		Pb	<0.0001	<0.0001
SND-03	Sanding 3	PM10	0.12	0.53

Emission Sources - Maximum Allowable Emission Rates

		PM2.5	0.12	0.53
PPT-01	Pre-Treat Line 1	VOC	0.51	1.12
		Nitric Acid	0.26	0.57
		Hydrofluoric Acid	0.03	0.07
EDSND-01	E-Coat Sanding Line 1	PM_{10}	0.43	1.11
		$PM_{2.5}$	0.43	1.11
HVSND-01	E-Coat Line 1 (Heavy Sanding)	PM_{10}	0.02	0.08
		$PM_{2.5}$	0.02	0.08
TO-01	Body Paint Line 1 (Process Emissions): E-coat Dip Tank Basecoat 1 Booth, Basecoat 2, Booth, Clearcoat Booth, and Purge Solvent	VOC	33.07	72.43
		PM_{10}	0.07	0.16
		$PM_{2.5}$	0.01	0.03
		Exempt Solvents	1.36	2.98
TO-01	Body Paint Line 1 (Combustion Emissions): E-coat Oven, Heated Flash, Clearcoat Oven, E-coat Oven Burners, E-coat Air Supply Air Heaters, Topcoat Oven Burners, Topcoat Air Supply Heaters, Concentrator Burners, and Redundant RTO Burners 78.82 MMBtu/hr	VOC	0.21	0.93
		PM10	0.29	1.29
		PM2.5	0.29	1.29
		NOx	2.87	12.58
		CO	6.96	30.49
		SO2	0.02	0.10
TO-01 SS	Startup and Stabilization for TO-01 Both Burners Firing	VOC	0.10	0.01
		PM_{10}	0.13	0.02
		$PM_{2.5}$	0.13	0.02
		NO_x	1.31	0.16
		CO	5.33	0.67
		SO_2	0.01	<0.01
BRN-01	Heated Flash Line 1 - Burner 1, 2 and 3 4.08 MMBtu/hr	VOC	0.02	0.10
		PM_{10}	0.03	0.13
		$PM_{2.5}$	0.03	0.13

Emission Sources - Maximum Allowable Emission Rates

		NO_x	0.30	1.31
		CO	1.19	5.22
		SO_2	<0.01	0.01
BRN-02	Dehumidifier Line 1 Air Supply Heater 1.02 MMBtu/hr	VOC	<0.01	0.02
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	0.03
		NO_x	0.07	0.33
		CO	0.30	1.30
		SO_2	<0.01	<0.01
PPT-02	Pre-Treat Line 2	VOC	0.51	1.12
		Nitric Acid	0.26	0.57
		Hydrofluoric Acid	0.03	0.07
EDSND-02	E-Coat Sanding Line 2	PM_{10}	0.43	1.11
		$PM_{2.5}$	0.43	1.11
HVSND-02	E-Coat Line 2 (Heavy Sanding)	PM_{10}	0.02	0.08
		$PM_{2.5}$	0.02	0.08
TO-02	Body Paint Line 2 (Process Emissions): E-coat Dip Tank, E-coat Oven, Heated Flash, Basecoat 1 Booth, Basecoat 2, Booth, Clearcoat Booth, Clearcoat Oven and Purge Solvent	VOC	33.07	72.43
		PM_{10}	0.07	0.16
		$PM_{2.5}$	0.01	0.03
		Exempt Solvents	1.36	2.98
TO-02	Body Paint Line 2 (Combustion Emissions): E-coat Oven, Heated Flash, Clearcoat Oven, E-coat Oven Burners, E-coat Air Supply Air Heaters, Topcoat Oven Burners, Topcoat Air Supply Heaters, Concentrator Burners,	VOC	0.21	0.93
		PM_{10}	0.29	1.29
		$PM_{2.5}$	0.29	1.29
		NOx	2.87	12.58
		CO	6.96	30.49
		SO2	0.02	0.10

Emission Sources - Maximum Allowable Emission Rates

	and Redundant RTO Burners 78.82 MMBtu/hr			
TO-02 SS	Startup and Stabilization for TO-02 Both Burners Firing	VOC	0.10	0.01
		PM_{10}	0.13	0.02
		$PM_{2.5}$	0.13	0.02
		NO_x	1.31	0.16
		CO	5.33	0.67
		SO_2	0.01	<0.01
BRN-03	Heated Flash Line 2 – Burner 1, 2 and 3 4.08 MMBtu/hr	VOC	0.02	0.10
		PM_{10}	0.03	0.13
		$PM_{2.5}$	0.03	0.13
		NO_x	0.30	1.31
		CO	1.19	5.22
		SO_2	<0.01	0.01
BRN-04	Dehumidifier Line 2 Air Supply Heater 1.02 MMBtu/hr	VOC	<0.01	0.02
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	0.03
		NO_x	0.07	0.33
		CO	0.30	1.30
		SO_2	<0.01	<0.01
BRN-06	Air Supply Houses- ASH-01 through ASH-07, ASH Paint Mix Room, ASH Paint Hospital, ASH Clean Room 52.92 MMBtu/hr	VOC	0.29	1.25
		PM_{10}	0.39	1.73
		$PM_{2.5}$	0.39	1.73
		NO_x	3.86	16.89
		CO	9.63	42.19
		SO_2	0.03	0.14
PPT-03	Pre-Treat Line 3	VOC	1.02	2.24
		Nitric Acid	0.52	1.13
		Hydrofluoric Acid	0.07	0.15

Emission Sources - Maximum Allowable Emission Rates

EDSND-03	E-Coat (Sanding) - Line 3	PM_{10}	0.85	2.22
		$PM_{2.5}$	0.85	2.22
HVSND-03	E-Coat (Heavy Sanding) - Line 3	PM_{10}	0.03	0.15
		$PM_{2.5}$	0.03	0.15
TO-04	RTO-04 (Process Emissions): E-coat Dip Tank, E-coat Oven, Sealer Oven	VOC	3.24	7.10
TO-04	RTO-04 (Combustion Emissions):E-coat Oven, E-coat Oven Burners, E-coat Air Supply Air Heaters, Sealer Oven Burners, and Redundant RTO Burners 43.85 MMBtu/hr	VOC	0.24	1.04
		PM_{10}	0.33	1.44
		$PM_{2.5}$	0.33	1.44
		NO_x	3.02	13.24
		CO	6.74	29.52
		SO_2	0.03	0.12
TO-04 SS	Startup and Stabilization for TO-04	VOC	0.10	0.01
		PM_{10}	0.13	0.02
		$PM_{2.5}$	0.13	0.02
		NO_x	1.31	0.16
		CO	5.33	0.67
		SO_2	0.01	<0.01
BODYPCF-01	Body Line Powder Coat Booth-01	VOC	0.02	0.08
		PM_{10}	0.32	1.38
		$PM_{2.5}$	0.32	1.38
BODYPCO-01	Body Line Powder Coat Oven 1	VOC	0.13	0.56
		PM_{10}	0.18	0.78
		$PM_{2.5}$	0.18	0.78
		NO_x	1.59	6.97
		CO	3.80	16.65
		SO_2	0.01	0.06
BODYPCO-02	Body Line Powder Coat Oven 2	VOC	0.13	0.56
		PM10	0.18	0.78

Emission Sources - Maximum Allowable Emission Rates

		PM2.5	0.18	0.78
		NOx	1.59	6.97
		CO	3.80	16.65
		SO2	0.01	0.06
SBC	Sword Brush Cleaning	VOC	1.09	2.38
SBCT	Sword Brush Cleaning Totes	VOC	0.98	0.50
WAX	Cavity Wax	VOC	0.11	0.24
		PM_{10}	0.68	1.49
		$PM_{2.5}$	0.68	1.49
PL-BRN-02	ARU Heated Flash 1	VOC	<0.01	0.01
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
		NO_x	0.03	0.15
		CO	0.16	0.72
		SO_2	<0.01	<0.01
PL-BRN-03	ARU Heated Flash 2	VOC	<0.01	<0.01
		PM_{10}	<0.01	0.01
		$PM_{2.5}$	<0.01	0.01
		NO_x	0.02	0.10
		CO	0.11	0.48
		SO_2	<0.01	<0.01
PL-BRN-04	Oven Zone 1/2	VOC	<0.01	0.01
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
		NO_x	0.02	0.10
		CO	0.09	0.39
		SO_2	<0.01	<0.01
PL-BRN-05	Oven Zone 3/Hold up 1	VOC	<0.01	0.02
		PM_{10}	<0.01	0.03

Emission Sources - Maximum Allowable Emission Rates

		$PM_{2.5}$	<0.01	0.03
		NO_x	0.03	0.13
		CO	0.12	0.55
		SO_2	<0.01	<0.01
PL-BRN-06	Oven Hold up 2	VOC	<0.01	0.02
		PM_{10}	<0.01	0.03
		$PM_{2.5}$	<0.01	0.03
		NO_x	0.04	0.16
		CO	0.14	0.63
		SO_2	<0.01	<0.01
PL-BRN-07	ASU Clean Room	VOC	<0.01	0.02
		PM_{10}	<0.01	0.02
		$PM_{2.5}$	<0.01	0.02
		NOx	0.04	0.19
		CO	0.12	0.53
		SO2	<0.01	<0.01
PL-BRN-08	ASU Shop / Work Deck	VOC	0.03	0.13
		PM_{10}	0.043	0.19
		$PM_{2.5}$	0.043	0.19
		NOx	0.37	1.62
		CO	1.04	4.55
		SO2	<0.01	0.01
TO-03	RTO-03 (Process Emissions): Plastic Paint Line, CLL-05 to TO-03	VOC	5.46	12.87
		PM_{10}	0.04	0.08
		$PM_{2.5}$	<0.01	0.01
		Exempt Solvent	4.62	20.25
TO-03	RTO-03 (Combustion Emissions): PL ASU and RTO burners	VOC	0.03	0.15
		PM10	0.05	0.20
		PM2.5	0.05	0.20

Emission Sources - Maximum Allowable Emission Rates

		NOx	0.36	1.57
		CO	0.61	2.68
		SO2	<0.01	0.02
TO-03 SS	Startup and Stabilization for TO-03 Both Burners Firing	VOC	0.04	<0.01
		PM_{10}	0.06	<0.01
		$PM_{2.5}$	0.06	<0.01
		NO_x	0.41	0.05
		CO	0.35	0.04
		SO_2	<0.01	<0.01
PRA-CAP	All Paint Repair Areas	VOC	2.30	10.06
		PM_{10}	0.02	0.11
		$PM_{2.5}$	<0.01	0.02
		Exempt Solvents	0.56	2.45
FCD-CAP	Foil Coat Dryers Cap 9.84 MMBtu/hr	VOC	2.96	12.98
		PM_{10}	0.07	0.32
		$PM_{2.5}$	0.07	0.32
		NO_x	0.45	1.97
		CO	1.12	4.91
		SO_2	0.01	0.03
CLL-01	Cell Dust Collection System 1	PM_{10}	0.11	0.46
		$PM_{2.5}$	0.11	0.46
CLL-02	Cell Dust Collection System 2	PM_{10}	0.08	0.34
		$PM_{2.5}$	0.08	0.34
CLL-03	Cell Dust Collection System 3	PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CLL-04	Cell Dust Collection System 4	PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
CLL-05	Cell Assembly and Tanks (CLLT-01 and CLLT-02) to CAS	VOC	0.02	0.01
		Exempt	25.37	0.15

Emission Sources - Maximum Allowable Emission Rates

		Solvent		
CLLABT	Cell Abuse Test	VOC	0.11	0.03
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
		Exempt Solvent	<0.01	<0.01
CTU-01	Cooling Tubes	VOC	<0.01	<0.01
BRO-01	Brazing Oven	VOC	0.02	0.07
BTM-01	Battery Module Assembly	VOC	7.86	11.71
PC-PPT1	P-Coat Pre-Treat Line 1	VOC	0.02	0.09
		Nitric Acid	0.03	0.12
		Phosphonic Acid	0.24	1.05
PDOL1-01a	P-Coat Parts Dryoff Oven 1a 3.58 MMBtu/hr	VOC	0.02	0.08
		PM_{10}	0.03	0.12
		$PM_{2.5}$	0.03	0.12
		NO_x	0.12	0.52
		CO	0.26	1.16
		SO_2	<0.01	<0.01
PDOL1-01b	P-Coat Parts Dryoff Oven 1b 3.58 MMBtu/hr	VOC	0.02	0.08
		PM_{10}	0.03	0.12
		$PM_{2.5}$	0.03	0.12
		NO_x	0.12	0.52
		CO	0.26	1.16
		SO_2	<0.01	<0.01
PCGOL1-01	P-Coat Gel Oven 1 3.58 MMBtu/hr	VOC	0.03	0.11
		PM_{10}	0.13	0.58
		$PM_{2.5}$	0.13	0.58
		NO_x	0.12	0.52
		CO	0.26	1.16

Emission Sources - Maximum Allowable Emission Rates

		SO_2	<0.01	0.01
PCGOL1-02	P-Coat Gel Oven 2 3.58 MMBtu/hr	VOC	0.03	0.11
		PM_{10}	0.13	0.58
		$PM_{2.5}$	0.13	0.58
		NO_x	0.12	0.52
		CO	0.26	1.16
		SO_2	<0.01	0.01
PCCOL1-01a	P-Coat Cure Oven 01a 3.58 MMBtu/hr	VOC	0.02	0.10
		PM_{10}	0.08	0.35
		$PM_{2.5}$	0.08	0.35
		NO_x	0.12	0.52
		CO	0.26	1.16
		SO_2	<0.01	0.01
PCCOL1-01b	P-Coat Cure Oven 01b 3.58 MMBtu/hr	VOC	0.02	0.10
		PM_{10}	0.08	0.35
		$PM_{2.5}$	0.08	0.35
		NO_x	0.12	0.52
		CO	0.26	1.16
		SO_2	<0.01	0.01
INV-01	Inverter lines	VOC	0.40	1.77
STR-01-01	Stator Lines	VOC	2.51	11.00
GAAA-01	General Assembly Area Adhesives Line 1	VOC	1.57	3.44
GAAA-02	General Assembly Area Adhesives 2	VOC	1.57	3.44
GAAT-01	Windshield Washer Fluid Tank No. 1	VOC	3.69	0.03
GAAT-02	Windshield Washer Fluid Tank No. 2	VOC	3.69	0.03
GAAT-03	Windshield Washer Fluid Tank No. 3	VOC	0.78	<0.01
GAAT-04	Coolant Tank No. 1	VOC	4.93	0.04

Emission Sources - Maximum Allowable Emission Rates

GAAT-05	Brake Fluid Tank No. 1	VOC	0.09	<0.01
GAAT-06	General Assembly Tote Filling	VOC	2.89	1.47
GAAT-07	Gear Oil Bulk Tank-1	VOC	2.50	0.04
GAAT-08	Gear Oil Bulk Tank-2	VOC	2.50	0.11
GAAT-09	Coolant Dilute Buffer Container	VOC	0.19	0.04
WIP-01	Plantwide Wipe Cleaning	VOC	28.35	124.19
BLR-01	Boilers 1 thru 4 (at 6 MMBtu/hr each boiler)	VOC	0.13	0.57
		PM_{10}	0.18	0.78
		$PM_{2.5}$	0.18	0.78
		NO_x	0.26	1.16
		CO	1.98	8.66
		SO_2	0.01	0.06
BLR-02	Boilers 5 thru 8 (at 6 MMBtu/hr each boiler)	VOC	0.13	0.57
		PM_{10}	0.18	0.78
		$PM_{2.5}$	0.18	0.78
		NOx	0.26	1.16
		CO	1.98	8.66
		SO_2	0.01	0.06
BLR-03	Boilers 9 thru 11 (at 6 MMBtu/hr each boiler)	VOC	0.10	0.43
		PM10	0.13	0.59
		PM2.5	0.13	0.59
		NOx	0.20	0.87
		CO	1.48	6.49
		SO2	0.01	0.05
BLR-04	Boilers 12 thru 14 (at 6 MMBtu/hr each boiler)	VOC	0.10	0.43
		PM10	0.13	0.59
		PM2.5	0.13	0.59
		NOx	0.20	0.87

Emission Sources - Maximum Allowable Emission Rates

		CO	1.48	6.49
		SO2	0.01	0.05
BLR-05	Boiler 15 (at 6 MMBtu/hr)	VOC	0.03	0.14
		PM10	0.04	0.20
		PM2.5	0.04	0.20
		NOx	0.07	0.29
		CO	0.49	2.16
		SO2	<0.01	0.02
BLR-06	Boiler 16 (at 6 MMBtu/hr)	VOC	0.03	0.14
		PM10	0.04	0.20
		PM2.5	0.04	0.20
		NOx	0.07	0.29
		CO	0.49	2.16
		SO2	<0.01	0.02
BLR-07	Boiler 17 (at 6 MMBtu/hr)	VOC	0.03	0.14
		PM10	0.04	0.20
		PM2.5	0.04	0.20
		NOx	0.07	0.29
		CO	0.49	2.16
		SO2	<0.01	0.02
BLR-08	Boilers 18 thru 19 (at 6 MMBtu/hr each boiler)	VOC	0.06	0.28
		PM10	0.09	0.39
		PM2.5	0.09	0.39
		NOx	0.13	0.58
		CO	0.99	4.33
		SO2	0.01	0.03
BLR-09	Boilers 20 thru 21 (at 6 MMBtu/hr each boiler)	VOC	0.06	0.28
		PM10	0.09	0.39
		PM2.5	0.09	0.39

Emission Sources - Maximum Allowable Emission Rates

		NOx	0.13	0.58
		CO	0.99	4.33
		SO2	0.01	0.03
BLR-10	Boilers 22 thru 24 (at 6 MMBtu/hr each boiler)	VOC	0.10	0.43
		PM10	0.13	0.59
		PM2.5	0.13	0.59
		NOx	0.20	0.87
		CO	1.48	6.49
		SO2	0.01	0.05
BLR-11	Boilers 25 thru 27 (at 6 MMBtu/hr each boiler)	VOC	0.10	0.43
		PM10	0.13	0.59
		PM2.5	0.13	0.59
		NOx	0.20	0.87
		CO	1.48	6.49
		SO2	0.01	0.05
BLR-12	Boilers 28 thru 30 (at 6 MMBtu/hr each boiler)	VOC	0.10	0.43
		PM10	0.13	0.59
		PM2.5	0.13	0.59
		NOx	0.20	0.87
		CO	1.48	6.49
		SO2	0.01	0.05
BLR-13	Boilers 31 thru 32 (at 6 MMBtu/hr each boiler)	VOC	0.06	0.28
		PM10	0.09	0.39
		PM2.5	0.09	0.39
		NOx	0.13	0.58
		CO	0.99	4.33
		SO2	0.01	0.03
BLR-14	Boilers 33 thru 36 (at 6 MMBtu/hr each boiler)	VOC	0.13	0.57
		PM10	0.18	0.78

Emission Sources - Maximum Allowable Emission Rates

		PM2.5	0.18	0.78
		NOx	0.26	1.16
		CO	1.98	8.66
		SO2	0.01	0.06
BLR-15	Boilers 37 thru 40 (at 6 MMBtu/hr each boiler)	VOC	0.13	0.57
		PM10	0.18	0.78
		PM2.5	0.18	0.78
		NOx	0.26	1.16
		CO	1.98	8.66
		SO2	0.01	0.06
CTW-01	Cooling Tower-01	PM_{10}	0.20	0.87
		$PM_{2.5}$	0.10	0.43
CTW-02 to CTW-37	Cooling Tower 2 to 37 (Combined)	PM_{10}	1.78	7.80
		$PM_{2.5}$	0.89	3.90
CTW-02 to CTW-37	Cooling Tower 2 to 37 (Each)	PM_{10}	0.05	0.22
		$PM_{2.5}$	0.02	0.11
WWTP-01	Wastewater Treatment Plant	VOC	0.15	0.67
		PM_{10}	<0.01	<0.01
		$PM_{2.5}$	<0.01	<0.01
		Exempt Solvent	0.04	0.17
WWTP-FUG	Wastewater Treatment Plant Fugitives	VOC	0.74	3.26
MSS-01-01	MSS for Basecoat/Topcoat Filter Changeout	VOC	0.19	0.85
		Exempt Solvent	0.08	0.35
TO-01	Line 1 MSS for Booth Cleaning	VOC	1.43	6.28
		Exempt Solvent	0.57	2.51
TO-02	Line 2 MSS for Booth Cleaning	VOC	1.43	6.28
		Exempt Solvent	0.57	2.51

Emission Sources - Maximum Allowable Emission Rates

MSS-PL-01	Plastic Parts MSS for Filter Changeout	VOC	0.19	0.85
		Exempt Solvents	0.08	0.35
TO-03	Plastic Parts MSS for Booth Cleaning	VOC	1.43	6.28
		Exempt Solvents	0.57	2.51
PILOT BLD FUG	Startup and Pilot Build - Coating Lines Without Abatement	VOC	55.24	0.93
		PM_{10}	0.02	<0.01
		$PM_{2.5}$	<0.01	<0.01
CAS-01 through CAS-03, CAS-05	Casting Furnace During Filtration System Bypass for Filtration System Maintenance	VOC	0.26	0.02
		PM_{10}	0.36	0.03
		$PM_{2.5}$	0.36	0.03
		NO_x	3.09	0.23
		CO	1.77	0.13
		SO_2	0.03	0.01
		Pb	<0.0001	<0.0001
FP-01	Cells Fire Pump 1 (Cell)	VOC	0.03	<0.01
		PM_{10}	0.03	<0.01
		$PM_{2.5}$	0.03	<0.01
		NO_x	0.58	0.03
		CO	0.11	0.01
		SO_2	<0.01	<0.01
FP-02	Fire Pump 2 (GA)	VOC	0.02	<0.01
		PM_{10}	0.02	<0.01
		$PM_{2.5}$	0.02	<0.01
		NO_x	0.67	0.03
		CO	0.24	0.01
		SO_2	<0.01	<0.01
FP-03	Fire Pump 3 (Cells)	VOC	0.03	<0.01
		PM_{10}	0.03	<0.01

Emission Sources - Maximum Allowable Emission Rates

		$PM_{2.5}$	0.03	<0.01
		NO_x	0.58	0.03
		CO	0.11	0.01
		SO_2	<0.01	<0.01
FP-04	Fire Pump 4 (BIW)	VOC	0.02	<0.01
		PM_{10}	0.02	<0.01
		$PM_{2.5}$	0.02	<0.01
		NO_x	0.67	0.03
		CO	0.24	0.01
		SO_2	<0.01	<0.01
All EPNs	All Sources at the Site	Individual HAP	---	<10
		Total HAP	---	<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
SO_2 - sulfur dioxide
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
Pb Lead
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) Products of combustion.
(7) Includes planned maintenance, startup and shutdown activities.

Date: May XX, 2023