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-01-01 | Panel Stamping | VOC | <0.01 | <0.01 |
| CAS-01-01 through CAS-01-10 | Casting Furnaces Cap | VOC | 0.69 | 3.02 |
| | | $PM_{10}$ | 1.22 | 5.34 |
| | | $PM_{2.5}$ | 1.22 | 5.34 |
| | | $NO_x$ | 8.24 | 36.09 |
| | | CO | 4.73 | 20.72 |
| | | $SO_2$ | 0.08 | 0.33 |
| CAS-01-21 through CAS-01-30 | Metal Trimming Machines Cap | $PM_{10}$ | 0.04 | 0.18 |
| | | $PM_{2.5}$ | 0.04 | 0.18 |
| SND-01 | Sanding | $PM_{10}$ | 0.04 | 0.18 |
| BIW-01-01 through BIW-01-15 | Body in White Sealers and Adhesives | VOC | 1.08 | 2.36 |
| PPT-01a, PPT-02a, PPT-03a | Pretreat Line A | VOC | 0.26 | 0.56 |
| | | Nitric Acid | 0.13 | 0.28 |
| | | Hydrofluoric Acid | 0.02 | 0.03 |
| ECT-03a | E-coat Sanding Line A | $PM_{10}$ | 0.21 | 0.55 |
| | | $PM_{2.5}$ | 0.21 | 0.55 |
| ECT-05-PMa | E-Coat Line A (Heavy Sanding) | $PM_{10}$ | <0.01 | 0.04 |
| | | $PM_{2.5}$ | <0.01 | 0.04 |
| TO-01a | Body Paint Line A: E-coat Dip Tank, E-coat Oven, Heated Flash Basecoat 1 Booth, Basecoat 2, Booth, Clearcoat Booth, Clearcoat Oven and Purge Solvent, E-coat Oven Burners, E-coat Air Supply Air | VOC | 31.44 | 66.46 |
| | | $PM_{10}$ | 0.33 | 1.45 |
| | | $PM_{2.5}$ | 0.30 | 1.31 |
| | | $NO_x$ | 2.87 | 12.58 |
| | | CO | 6.96 | 30.49 |
| | | | | |

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| | | | | |
|---|---|---|---|---|
| | | $SO_2$ | 0.02 | 0.10 |
| | | Exempt Solvents | 0.46 | 1.00 |
| PRA-01a | Paint Repair Area Line a (Offline) | VOC | 0.15 | 0.66 |
| | | PM10 | 0.00 | 0.01 |
| | | PM2.5 | 0.00 | 0.00 |
| | | Exempt Solvents | 0.04 | 0.15 |
| PRA-02a | Paint Repair Area Line a (GA) | VOC | 0.15 | 0.66 |
| | | PM10 | <0.01 | 0.01 |
| | | PM2.5 | <0.01 | 0.00 |
| | | Exempt Solvents | 0.04 | 0.15 |
| | | $PM_{2.5}$ | <0.01 | 0.04 |
| BRN-01 | Heated Flash Line A - 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-02 | Dehumidifier Line A 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-01b, PPT-02b, PPT-03b | Pretreat Line B | VOC | 0.26 | 0.56 |
| | | Nitric Acid | 0.13 | 0.28 |
| | | Hydrofluoric Acid | 0.02 | 0.03 |
| ECT-03b | E-coat Sanding Line B | $PM_{10}$ | 0.21 | 0.55 |
| | | $PM_{2.5}$ | 0.21 | 0.55 |
| ECT-05-PMb | E-Coat Line B (Heavy Sanding) | $PM_{10}$ | <0.01 | 0.04 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---|---|---|---|---|
| TO-01b | Body Paint Line B: E-coat Dip Tank, E-coat Oven, Heated Flash Basecoat 1 Booth, Basecoat 2, Booth, Clearcoat Booth, Clearcoat Oven and Purge Solvent<br><br>E-coat Oven Burners, E-coat Air Supply Air Heaters, Topcoat Oven Burners, Topcoat Air Supply Heaters, Concentrator Burners, and Redundant RTO Burners<br>78.82 MMBtu/hr | VOC | 31.44 | 66.46 |
| | | $PM_{10}$ | 0.33 | 1.45 |
| | | $PM_{2.5}$ | 0.30 | 1.31 |
| | | $NO_x$ | 2.87 | 12.58 |
| | | CO | 6.96 | 30.49 |
| | | $SO_2$ | 0.02 | 0.10 |
| | | Exempt Solvent | 0.46 | 1.00 |
| PRA-01b | Paint Repair Area Line B (Offline) | VOC | 0.15 | 0.66 |
| | | PM10 | 0.00 | 0.01 |
| | | PM2.5 | 0.00 | 0.00 |
| | | Exempt Solvents | 0.04 | 0.15 |
| PRA-02b | Paint Repair Area Line B (GA) | VOC | 0.15 | 0.66 |
| | | PM10 | 0.00 | 0.01 |
| | | PM2.5 | 0.00 | 0.00 |
| | | Exempt Solvents | 0.04 | 0.15 |
| BRN-03 | Heated Flash Line B – Burner 1, 2 and 3<br>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 B Air Supply Heater<br>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 |

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| | | | | |
|---|---|---|---|---|
| | | $SO_2$ | <0.01 | 0.01 |
| BRN-06 | Air Supply Houses-ASH-01 through ASH-07, ASH Paint Mix Room, ASH Paint Hospital, ASH Clean Room<br>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 |
| TO-03 | ASU Booth<br>6.14 MMBtu/hr (includes PL-BRN-01 and TO-03) | VOC | 0.03 | 0.15 |
| | | $PM_{10}$ | 0.05 | 0.20 |
| | | $PM_{2.5}$ | 0.05 | 0.20 |
| | | $NO_x$ | 0.36 | 1.57 |
| | | CO | 0.61 | 2.68 |
| | | $SO_2$ | <0.01 | 0.02 |
| 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 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---|---|---|---|---|
| | | CO | 0.09 | 0.39 |
| | | $SO_2$ | <0.01 | <0.01 |
| PL-BRN-05 | Oven Zone 3/Hold up 1 | VOC | <0.01 | 0.0202 |
| | | $PM_{10}$ | <0.01 | 0.0279 |
| | | $PM_{2.5}$ | <0.01 | 0.0279 |
| | | $NO_x$ | 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 |
| | | $NO_x$ | 0.0357 | 0.16 |
| | | CO | 0.14 | 0.63 |
| | | $SO_2$ | <0.01 | <0.01 |
| PL-BRN-07 | ASU Clean Room | VOC | <0.01 | 0.016 |
| | | PM10 | <0.01 | 0.02 |
| | | PM2.5 | <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 |
| | | PM10 | 0.043 | 0.19 |
| | | PM2.5 | 0.043 | 0.19 |
| | | NOx | 0.37 | 1.62 |
| | | CO | 1.04 | 4.55 |
| | | SO2 | <0.01 | <0.01 |
| TO-03 | Regenerative Thermal Oxidizer Burner (Redundant) | VOC | 0.02 | 0.09 |
| | | $PM_{10}$ | 0.03 | 0.12 |
| | | $PM_{2.5}$ | 0.03 | 0.12 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---|---|---|---|---|
| | | $NO_x$ | 0.20 | 0.89 |
| | | CO | 0.18 | 0.77 |
| | | $SO_2$ | <0.01 | <0.01 |
| TO-03 | Plastic Paint-Purge Solvent - Controlled | VOC | 1.35 | 2.95 |
| TO-03 | Plastic Paint-Basecoat #1 - Controlled | VOC | 1.40 | 3.06 |
| | | PM10 | <0.01 | 0.02 |
| | | PM2.5 | <0.01 | <0.01 |
| TO-03 | Plastic Paint-Basecoat #2 - Controlled Line 1 | VOC | 0.76 | 1.70 |
| | | PM10 | <0.01 | 0.02 |
| | | PM2.5 | <0.01 | <0.01 |
| TO-03 | Plastic Paint-Clearcoat Controlled Line 1 | VOC | 2.34 | 5.12 |
| | | PM10 | <0.01 | 0.025 |
| | | PM2.5 | <0.01 | <0.01 |
| PPL-CAP3 | Plastics Paint Line Cap | VOC | 5.85 | 12.82 |
| | | PM10 | 0.02 | 0.07 |
| | | PM2.5 | <0.01 | <0.02 |
| PCFILTER-01 | Powder Coat Booth-01 FILTER-01 | $PM_{10}$ | 0.11 | 0.46 |
| | | $PM_{2.5}$ | 0.04 | 0.15 |
| PCOven-01 | Powder Coat Booth-01 PCOVEN-01 5.12 MMBtu/hr | VOC | 0.03 | 0.15 |
| | | $PM_{10}$ | 0.04 | 0.17 |
| | | $PM_{2.5}$ | 0.04 | 0.17 |
| | | $NO_x$ | 0.17 | 0.74 |
| | | CO | 0.38 | 1.66 |
| | | $SO_2$ | <0.01 | 0.01 |
| PCFILTER-02 | Powder Coat Booth-02 FILTER-02 | $PM_{10}$ | 0.11 | 0.46 |
| | | $PM_{2.5}$ | 0.04 | 0.15 |
| PCOven-02 | Powder Coat Booth-02 PCOVEN-02 5.12 MMBtu/hr | VOC | 0.03 | 0.15 |
| | | $PM_{10}$ | 0.04 | 0.17 |
| | | $PM_{2.5}$ | 0.04 | 0.17 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---|---|---|---|---|
| | | $NO_x$ | 0.17 | 0.74 |
| | | CO | 0.38 | 1.66 |
| | | $SO_2$ | <0.01 | 0.01 |
| PCFILTER-03 | Powder Coat Booth-03 FILTER-03 | $PM_{10}$ | 0.11 | 0.46 |
| | | $PM_{2.5}$ | 0.04 | 0.15 |
| PCOven-03 | Powder Coat Booth-03 PCOVEN-03 10.24 MMBtu/hr | VOC | 0.06 | 0.27 |
| | | $PM_{10}$ | 0.08 | 0.34 |
| | | $PM_{2.5}$ | 0.08 | 0.343 |
| | | $NO_x$ | 0.34 | 1.48 |
| | | CO | 0.76 | 3.31 |
| | | $SO_2$ | <0.01 | 0.03 |
| PDO-01 | Parts Dryoff Oven 10.24 MMBTU/hr | VOC | 0.0553 | 0.2422 |
| | | $PM_{10}$ | 0.0768 | 0.3363 |
| | | $PM_{2.5}$ | 0.0768 | 0.3363 |
| | | $NO_x$ | 0.3378 | 1.4796 |
| | | CO | 0.7568 | 3.3147 |
| | | $SO_2$ | 0.0062 | 0.027 |
| WSCO-01 | Wade Seal Cure Oven 3.5 MMBtu/hr | VOC | 0.02 | 0.08 |
| | | $PM_{10}$ | 0.03 | 0.12 |
| | | $PM_{2.5}$ | 0.03 | 0.12 |
| | | $NO_x$ | 0.12 | 0.51 |
| | | CO | 0.26 | 1.13 |
| | | $SO_2$ | <0.01 | 0.01 |
| FCD-1 | Foil Coat Dryer 1 1.64 MMBtu/hr | VOC | 0.01 | 0.04 |
| | | $PM_{10}$ | 0.01 | 0.05 |
| | | $PM_{2.5}$ | 0.01 | 0.05 |
| | | $NO_x$ | 0.08 | 0.33 |
| | | CO | 0.19 | 0.82 |
| | | $SO_2$ | <0.01 | <0.01 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---|---|---|---|---|
| FCD-2 | Foil Coat Dyer 2<br>1.64 MMBtu/hr | VOC | 0.01 | 0.04 |
| | | $PM_{10}$ | 0.01 | 0.05 |
| | | $PM_{2.5}$ | 0.01 | 0.05 |
| | | $NO_x$ | 0.08 | 0.33 |
| | | CO | 0.19 | 0.82 |
| | | $SO_2$ | <0.01 | <0.01 |
| FCD-3 | Foil Coat Dryer 3<br>1.64 MMBtu/hr | VOC | 0.01 | 0.04 |
| | | $PM_{10}$ | 0.01 | 0.05 |
| | | $PM_{2.5}$ | 0.01 | 0.05 |
| | | $NO_x$ | 0.08 | 0.33 |
| | | CO | 0.19 | 0.82 |
| | | $SO_2$ | <0.01 | <0.01 |
| FCD-4 | Foil Coat Dryer 4<br>1.64 MMBtu/hr | VOC | 0.01 | 0.04 |
| | | $PM_{10}$ | 0.01 | 0.05 |
| | | $PM_{2.5}$ | 0.01 | 0.05 |
| | | $NO_x$ | 0.08 | 0.33 |
| | | CO | 0.19 | 0.82 |
| | | $SO_2$ | <0.01 | <0.01 |
| FCD-5 | Foil Coat Dryer 5<br>1.64 MMBtu/hr | VOC | 0.01 | 0.04 |
| | | $PM_{10}$ | 0.01 | 0.05 |
| | | $PM_{2.5}$ | 0.01 | 0.05 |
| | | $NO_x$ | 0.08 | 0.33 |
| | | CO | 0.19 | 0.82 |
| | | $SO_2$ | <0.01 | <0.01 |
| FCD-6 | Foil Coat Dryer 6<br>1.64 MMBtu/hr | VOC | 0.01 | 0.04 |
| | | $PM_{10}$ | 0.01 | 0.05 |
| | | $PM_{2.5}$ | 0.01 | 0.05 |
| | | $NO_x$ | 0.08 | 0.33 |
| | | CO | 0.19 | 0.82 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---|---|---|---|---|
| | | $SO_2$ | <0.01 | <0.01 |
| FCD Cap | Foil Coat Dryers Cap 9.84 MMBTU/hr | VOC | 0.05 | 0.23 |
| | | $PM_{10}$ | 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 | $PM_{10}$ | 0.05 | 0.23 |
| | | $PM_{2.5}$ | 0.05 | 0.23 |
| CLL-02 | Cell Dust Collection System 2 | $PM_{10}$ | 0.04 | 0.17 |
| | | $PM_{2.5}$ | 0.04 | 0.17 |
| 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 | VOC | 0.24 | 1.03 |
| | | Exempt Solvent | 0.39 | 1.73 |
| CTU-01 | Cooling Tubes | VOC | <0.01 | <0.01 |
| BTM-01 | Battery Module Assembly | VOC | 3.03 | 5.26 |
| INV-01 | Inverter lines | VOC | 0.27 | 1.18 |
| STR-01-01 | Stator Lines | VOC | 1.67 | 7.33 |
| BRO-01 | Brazing Oven | VOC | 0.02 | 0.07 |
| GAA-07 | General Assembly Area Adhesives | VOC | 0.84 | 1.84 |
| GAA-01 | Windshield Washer Fluid Tank No. 1 | VOC | 2.41 | 0.02 |
| GAA-02 | Windshield Washer Fluid Tank No. 2 | VOC | 2.41 | 0.02 |
| GAA-03 | Windshield Washer Fluid Tank No. 3 | VOC | 0.36 | <0.01 |
| GAA-04 | Coolant Tank No. 1 | VOC | 1.43 | 0.01 |
| GAA-05 | Brake Fluid Tank No. | VOC | 0.06 | <0.01 |

Emission Sources - Maximum Allowable Emission Rates

| | 1 | | | |
|---|---|---|---|---|
| GAA-06 | General Assembly Tote Filling | VOC | 2.89 | 1.47 |
| WIP-01 | Plantwide Wipe Cleaning | VOC | 9.45 | 41.40 |
| BLR-01 through BLR-13 | Boilers 1 thru 13 (at 6 MMBtu/hr each boiler) | VOC | 0.42 | 1.84 |
| | | $PM_{10}$ | 0.58 | 2.55 |
| | | $PM_{2.5}$ | 0.58 | 2.55 |
| | | $NO_x$ | 0.86 | 3.76 |
| | | CO | 6.42 | 28.14 |
| | | $SO_2$ | 0.05 | 0.20 |
| FP-01 | Cells Fire Pump 1 | VOC | 0.03 | <0.01 |
| | | $PM_{10}$ | 0.03 | <0.01 |
| | | $PM_{2.5}$ | 0.03 | <0.01 |
| | | $NO_x$ | 0.62 | 0.10 |
| | | CO | 0.18 | 0.03 |
| | | $SO_2$ | <0.01 | <0.01 |
| FP-02 | Cells Fire Pump 2 | VOC | 0.03 | <0.01 |
| | | $PM_{10}$ | 0.03 | <0.01 |
| | | $PM_{2.5}$ | 0.03 | <0.01 |
| | | $NO_x$ | 0.62 | 0.10 |
| | | CO | 0.18 | 0.03 |
| | | $SO_2$ | <0.01 | <0.01 |
| CT-1 | Cooling Tower | PM | 0.20 | 0.87 |
| | | $PM_{10}$ | 0.20 | 0.87 |
| | | $PM_{2.5}$ | 0.10 | 0.43 |
| CTW-02 | Cooling Tower-02 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-03 | Cooling Tower-03 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-04 | Cooling Tower-04 | $PM_{10}$ | 0.05 | 0.22 |

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| | | | | |
|---|---|---|---|---|
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-05 | Cooling Tower-05 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-06 | Cooling Tower-06 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-07 | Cooling Tower-07 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-08 | Cooling Tower-08 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-09 | Cooling Tower-09 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-10 | Cooling Tower-10 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-11 | Cooling Tower-11 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-12 | Cooling Tower-12 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-13 | Cooling Tower-13 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-14 | Cooling Tower-14 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-15 | Cooling Tower-15 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-16 | Cooling Tower-16 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-17 | Cooling Tower-17 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-18 | Cooling Tower-18 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |

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| | | | | |
|---|---|---|---|---|
| CTW-19 | Cooling Tower-19 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-20 | Cooling Tower-20 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-21 | Cooling Tower-21 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-22 | Cooling Tower-22 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-23 | Cooling Tower-23 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-24 | Cooling Tower-24 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-25 | Cooling Tower-25 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-26 | Cooling Tower-26 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-27 | Cooling Tower-27 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-28 | Cooling Tower-28 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-29 | Cooling Tower-29 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-30 | Cooling Tower-30 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-31 | Cooling Tower-31 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-32 | Cooling Tower-32 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-33 | Cooling Tower-33 | $PM_{10}$ | 0.05 | 0.22 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---|---|---|---|---|
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-34 | Cooling Tower-34 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-35 | Cooling Tower-35 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-36 | Cooling Tower-36 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| CTW-37 | Cooling Tower-37 | $PM_{10}$ | 0.05 | 0.22 |
| | | $PM_{2.5}$ | 0.02 | 0.11 |
| WWTP-1 | 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 |
| MSS-01-01 | MSS for Basecoat/Topcoat Filter Changeout | VOC | 0.07 | 0.30 |
| | | Exempt Solvent | 0.03 | 0.12 |
| TO-01a | Line A MSS for Booth Cleaning | VOC | 0.71 | 3.12 |
| | | Exempt Solvent | 0.29 | 1.27 |
| TO-01b | Line B MSS for Booth Cleaning | VOC | 0.71 | 3.12 |
| | | Exempt Solvent | 0.29 | 1.27 |
| MSS-PL-01 | Plastic Parts MSS for Filter Changeout | VOC | 0.07 | 0.30 |
| | | Exempt Solvents | 0.03 | 0.12 |
| MSS-PL-02 | Plastic Parts MSS for Booth Cleaning | VOC | 0.05 | 0.21 |
| | | Exempt Solvents | 0.02 | 0.09 |
| 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-01-01 and CAS-01-02 | Casting Furnaces – 2 Total During Startup/Shakedown for no more than 120 Days | VOC | 0.14 | 0.20 |
| | | $PM_{10}$ | 0.20 | 0.29 |
| | | $PM_{2.5}$ | 0.20 | 0.29 |

Emission Sources - Maximum Allowable Emission Rates

| | | | | |
|---|---|---|---|---|
| | | $NO_x$ | 1.64 | 2.36 |
| | | CO | 0.94 | 1.35 |
| | | $SO_2$ | 0.02 | 0.03 |
| CAS-01-01 through CAS-01-10 | 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 |
| 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
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: January 20, 2022