EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit No. 19156

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. 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 * lb/hr | TPY |
|---|---|---|---|---|
| **Pre-Phosphate Washers and Phosphate System** | | | | |
| 500 | Phosphate Entry Air Seal | VOC | 6.42 | 10.0 |
| 501 | Phosphate Immersion Cleaner | VOC | 6.42 | 10.0 |
| 502 | Phosphate Immersion | VOC | 6.42 | 10.0 |
| **Prime Coat System (ELPO)** | | | | |
| 503 | ELPO Immersion Tank | VOC | 3.58 | 5.58 |
| 504 | ELPO Oven Exit Air Seal | VOC | 0.40 | 0.62 |
| 505 | ELPO Oven Exhaust Canopy - POC | VOC | 0.1 | 0.3 |
| | | $NO_x$ | 4.8 | 13.1 |
| | | CO | 1.2 | 3.1 |
| | | PM | 0.1 | 0.2 |
| | | $SO_2$ | 0.1 | 0.1 |
| 505 | ELPO Oven Exhaust Canopy - Coating Emissions | VOC | 0.80 | 1.24 |
| 506, 507 | ELPO Oven Forced Air Cooler | VOC | 0.2 | 0.31 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| **Primer/Surfacer** | | | | |
| 512 | Primer/Surfacer Oven Burner - Radiant Zone | VOC | 0.06 | 0.13 |
| | | $NO_x$ | 2.3 | 5.9 |
| | | CO | 0.57 | 1.5 |
| | | PM | 0.06 | 0.06 |
| | | $SO_2$ | 0.06 | 0.06 |
| 513 | Primer/Surfacer Oven Burner - Convection Zone 3.5 | VOC | 0.04 | 0.07 |
| | | $NO_x$ | | 1.3 |
| | | CO | 0.33 | 0.88 |
| | | PM | 0.04 | 0.04 |
| | | $SO_2$ | 0.04 | 0.04 |
| 514 | Primer/Surfacer Oven Exit Air Seal | VOC | 2.82 | 3.52 |
| **Topcoat System** | | | | |
| 321 | Base Coat Booths Stack - POC | VOC | 0.51 | 0.66 |
| | | $NO_x$ | 16.3 | 32.9 |
| | | CO | 4.1 | 8.1 |
| | | PM | 0.82 | 1.75 |
| | | $SO_2$ | 0.5 | 0.5 |
| 321 | Base Coat Booths Stack - Coating | VOC | 720.0 | 680.0 |
| | | PM | 14.9 | 19.6 |
| 320 | Clear Coat Booths | VOC | 0.49 | 0.99 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| | and Ovens - POC | $NO_x$ | 24.7 | 50.4 |
| | | CO | 6.2 | 12.8 |
| | | PM | 0.27 | 0.54 |
| | | $SO_2$ | 0.1 | 0.7 |
| 320 | Clear Coat Booths | VOC | 200.0 | 79.0 |
| | and Ovens - Coating | $NO_x$ | 9.1 | 12.2 |
| **Black-Out/Deadner** | | | | |
| 153, 154, 155, 156 | Black-Out/Deadner Booth | VOC | 2.96 | 4.0 |
| | | PM | ~~0.01~~ 0.37 | ~~0.01~~0.42 |
| 361, 362, 363, 364, 365, 528 | Final Repair/Spot Repair Booth | VOC | 12.6 | 4.00 |
| | | PM | 0.51 | 0.18 |
| 515, 516 | New Spot Repair Booth | VOC | 1.51 | 1.89 |
| | | PM | 0.28 | 0.34 |
| 517, 518 | New Spot Repair Booth | VOC | 1.51 | 1.89 |
| | | PM | 0.28 | 0.34 |
| 325 | Hoodliner Dust Exhaust | PM | 0.13 | 0.57 |
| 389 | Area Ventilation for Conveyor 54 | VOC | 0.01 | 0.01 |
| | | $NO_x$ | 0.01 | 0.01 |
| | | CO | 0.07 | 0.10 |
| | | PM | 0.01 | 0.01 |
| 390 | South Heavy Repair | VOC | 0.03 | 0.19 |
| | | $NO_x$ | 0.05 | 0.32 |
| | | CO | 0.31 | 2.08 |
| | | PM | 0.01 | 0.01 |
| 391, 392, 393, 394 | South Roll Test | VOC | 0.17 | 0.48 |
| | | $NO_x$ | 0.27 | 0.78 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| | | CO | 1.81 | 5.15 |
| | | PM | 0.01 | 0.04 |
| | | $SO_2$ | N/A | N/A |
| 519, 520 | Engine Start Area | VOC | 0.02 | 0.02 |
| | | $NO_x$ | 0.01 | 0.02 |
| | | CO | 0.17 | 0.26 |
| | | PM | 0.01 | 0.02 |
| | | $SO_2$ | N/A | N/A |
| 387 | Transit Coating Booth | VOC | 2.5 | 0.5 |
| | | PM | 4.0 | 0.8 |
| 527 | Chassis Booth | VOC | 3.5 | 0.7 |
| | | PM | 0.2 | 0.04 |
| 163 | North Boiler (Fuel Oil 720 Hours, Natural Gas 8,064 Hours) | VOC | N/A | 0.9 |
| | | $NO_x$ | N/A | 46.1 |
| | | CO | N/A | 11.5 |
| | | PM | N/A | 0.9 |
| | | $SO_2$ | N/A | 8.5 |
| 164 | Center Boiler (Fuel Oil 720 Hours, Natural Gas 8,064 Hours) | VOC | N/A | 0.9 |
| | | $NO_x$ | N/A | 46.1 |
| | | CO | N/A | 11.5 |
| | | PM | N/A | 0.9 |
| | | $SO_2$ | N/A | 8.5 |
| 165 | South Boiler (Fuel Oil 720 Hours, Natural Gas 8,064 Hours) | VOC | N/A | 0.9 |
| | | $NO_x$ | N/A | 46.1 |
| | | CO | N/A | 11.5 |
| | | PM | N/A | 0.9 |
| | | $SO_2$ | N/A | 8.5 |
| 163 | North Boiler | VOC | 0.18 | 0.06 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| | (Fuel Oil 720 Hours) | $NO_x$ | 11.0 | 3.9 |
| | | CO | 3.0 | 1.0 |
| | | PM | 1.1 | 0.4 |
| | | $SO_2$ | 23.0 | 8.3 |
| 164 | Center Boiler | VOC | 0.18 | 0.06 |
| | (Fuel Oil 720 Hours) | $NO_x$ | 11.0 | 3.9 |
| | | CO | 3.0 | 1.0 |
| | | PM | 1.1 | 0.4 |
| | | $SO_2$ | 23.0 | 8.3 |
| 165 | South Boiler | VOC | 0.18 | 0.06 |
| | (Fuel Oil 720 Hours) | $NO_x$ | 11.0 | 3.9 |
| | | CO | 3.0 | 1.0 |
| | | PM | 1.1 | 0.4 |
| | | $SO_2$ | 23.0 | 8.3 |
| 163 | North Boiler | VOC | 0.21 | 0.92 |
| | (Natural Gas 8,784 Hours) | $NO_x$ | | 10.5 |
| 46.1 | | | | |
| | | CO | 2.6 | 11.5 |
| | | PM | 0.11 | 0.5 |
| | | $SO_2$ | 0.01 | 0.02 |
| 164 | Center Boiler | VOC | 0.21 | 0.92 |
| | (Natural Gas 8,784 Hours) | $NO_x$ | | 10.5 |
| 46.1 | | | | |
| | | CO | 2.6 | 11.5 |
| | | PM | 0.11 | 0.5 |
| | | $SO_2$ | 0.01 | 0.02 |
| 165 | South Boiler | VOC | 0.21 | 0.92 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| | (Natural Gas 8,784 Hours) | $NO_x$ | 10.5 | 46.1 |
| | | CO | 2.6 | 11.5 |
| | | PM | 0.11 | 0.5 |
| | | $SO_2$ | 0.01 | 0.02 |
| 191 | Maintenance Paint Booth | VOC | 10.0 | 1.2 |
| | | PM | 0.1 | 0.1 |
| 440 | Waste Thinner Tank | VOC | 1.0 | 2.1 |
| 439 | Waste Paint Tank | VOC | 1.0 | 2.1 |
| 446 | SEO Room No. 1 | VOC | 0.7 | 2.3 |
| 447 | SEO Room No. 2 | VOC | 0.7 | 2.3 |
| 510 | Primer/Surfacer Satellite Mix Room No. 1 | VOC | 0.88 | 0.71 |
| 511 | Primer/Surfacer Satellite Mix Room No. 2 | VOC | 0.88 | 0.71 |
| 180 | Propane Flare | VOC | 10.0 | 0.1 |
| | | $NO_x$ | 0.1 | 0.1 |
| | | CO | 0.1 | 0.1 |
| | | PM | 0.1 | 0.1 |
| | | $SO_2$ | 0.1 | 0.1 |
| 182 | Tank Farm Tank No. 1 Unleaded Gasoline | VOC | 1.0 | 0.6 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) * | Source Name (2) | Air Contaminant Name (3) | Emission Rates lb/hr | TPY |
|---|---|---|---|---|
| 397 | Tank Farm Tank No. 2 Antifreeze | VOC | 0.1 | 0.1 |
| 183 | Tank Farm Tank No. 3 Automatic Transmission Fluid | VOC | 0.1 | 0.1 |
| 184 | Tank Farm Tank No. 4 Unleaded Gasoline | VOC | 1.0 | 0.6 |
| 185 | Tank Farm Tank No. 5 Purge Thinner | VOC | 1.0 | 0.1 |
| 182A | Tank Farm Tank No. 6 Unleaded Gasoline | VOC | 1.0 | 0.6 |
| 186 | Tank Farm Tank No. 7 Antifreeze | VOC | 0.1 | 0.1 |
| 187 | Tank Farm Tank No. 8 Rear Axle Oil | VOC | 0.1 | 0.1 |
| 185A | Tank Farm Tank No. 9 Unleaded Gasoline | VOC | 1.0 | 0.6 |
| 188 | Tank Farm Tank No. 10 Power Steering Fluid | VOC | 0.1 | 0.1 |
| 400 | Fuel Oil Tank No. 1 | VOC | 0.1 | 0.1 |
| 401 | Fuel Oil Tank No. 2 | VOC | 0.1 | 0.1 |
| 402 | Fuel Oil Tank No. 3 | VOC | 0.1 | 0.1 |
| 521 | Pyrolysis Oven | VOC | 0.04 | 0.04 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| | | $NO_x$ | 0.05 | 0.05 |
| | | CO | 0.1 | 0.1 |
| | | PM | 0.03 | 0.03 |
| | | $SO_2$ | 0.01 | 0.01 |
| 522 | Pyrolysis Oven | VOC | 0.04 | 0.04 |
| | | $NO_x$ | 0.05 | 0.05 |
| | | CO | 0.1 | 0.1 |
| | | PM | 0.03 | 0.03 |
| | | $SO_2$ | 0.01 | 0.01 |
| 523 | Pyrolysis Oven | VOC | 0.04 | 0.04 |
| | | $NO_x$ | 0.05 | 0.05 |
| | | CO | 0.1 | 0.1 |
| | | PM | 0.03 | 0.03 |
| | | $SO_2$ | 0.01 | 0.01 |
| 524 | Pyrolysis Oven | VOC | 0.04 | 0.04 |
| | | $NO_x$ | 0.05 | 0.05 |
| | | CO | 0.1 | 0.1 |
| | | PM | 0.03 | 0.03 |
| | | $SO_2$ | 0.01 | 0.01 |
| 525 | Stage II Oxidizer Stack | VOC | 0.01 | 0.01 |
| | | $NO_x$ | 0.02 | 0.08 |
| | | CO | 0.01 | 0.04 |
| | | PM | 0.01 | 0.01 |
| | | $SO_2$ | 0.01 | 0.03 |
| 526 | Stage II Oxidizer Stack | VOC | 0.01 | 0.01 |
| | | $NO_x$ | 0.02 | 0.08 |
| | | CO | 0.01 | 0.04 |
| | | PM | 0.01 | 0.01 |

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| | | $SO_2$ | 0.01 | 0.03 |
| 324 | Kolene Area Vent | VOC | 0.1 | 0.1 |
| 327 | Kolene Baghouse | VOC | 5.0 | 0.1 |
| | | PM | 10.0 | 4.5 |
| 323 | Kolene Burners | VOC | 0.1 | 0.1 |
| | | $NO_x$ | 0.4 | 0.8 |
| | | CO | 0.1 | 0.1 |
| | | PM | 0.1 | 0.1 |
| | | $SO_2$ | 0.1 | 0.1 |
| 173 | Miscellaneous Plantwide Production Operations - POC 19.0 Fluid | VOC | 0.22 | 0.36 |
| | | $NO_x$ | | 12.9 |
| | | CO | 3.4 | 4.7 |
| | | PM | 15.2 | 5.2 |
| | | $SO_2$ | 0.4 | 0.4 |
| 173 | Miscellaneous Plantwide Production Operations Coating Emissions | VOC | 436.0 | 406.0 |
| | | $NO_x$ | 15.2 | 5.2 |

(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.

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EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

(3) VOC - volatile organic compounds as defined in General Rule 101.1
$NO_x$ - total oxides of nitrogen
CO - carbon monoxide
PM - particulate matter
$SO_2$ - sulfur dioxide

* Emission rates are based on and the facilities are limited by the following maximum operating schedule or the schedules noted above:

Hrs/day_____Days/week_____Weeks/year____or Hrs/year 8,784