Emission Sources - Maximum Allowable Emission Rates

Permit Number 3026

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 (6) | |
|---|---|---|---|---|
| | | | lbs/hour | TPY (4) |
| 16 | Automobile Shredder Fugitives (5) | PM | 1.80 | 4.39 |
| | | $PM_{10}$ | 0.70 | 1.69 |
| | | $PM_{2.5}$ | 0.10 | 0.26 |
| | | VOC | 39.00 | 97.50 |
| | | Pb | 0.002 | 0.006 |
| 17 | Residue Transfer at Magnetic Separator (5) | PM | 0.93 | 0.88 |
| | | $PM_{10}$ | 0.44 | 0.42 |
| | | $PM_{2.5}$ | 0.07 | 0.06 |
| 38 | VSS Cyclone Exhaust (5) | PM | 0.01 | 0.01 |
| | | $PM_{10}$ | 0.01 | <0.01 |
| | | $PM_{2.5}$ | <0.01 | <0.01 |
| 49 | Sizing Trommel 1122A (5) | PM | 0.11 | 0.36 |
| | | $PM_{10}$ | 0.04 | 0.12 |
| | | $PM_{2.5}$ | <0.01 | 0.02 |
| 33 | Trommel Screen 8133 (5) | PM | <0.02 | 0.05 |
| | | $PM_{10}$ | <0.01 | 0.02 |
| | | $PM_{2.5}$ | 0.001 | 0.003 |
| 34 Biv West | Bivi-Tec Feeding Medium E/C Line (5) | PM | 0.09 | 0.28 |
| | | $PM_{10}$ | 0.03 | 0.10 |
| | | $PM_{2.5}$ | 0.004 | 0.01 |
| 34 Biv East | Bivi-Tec Feeding Small E/C Line (5) | PM | 0.04 | 0.13 |
| | | $PM_{10}$ | 0.01 | 0.04 |
| | | $PM_{2.5}$ | 0.002 | 0.006 |
| 34 E/C West | Eddy Current in Large | PM | 0.02 | 0.07 |

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| | | | | |
|---|---|---|---|---|
| | | $PM_{10}$ | 0.01 | 0.02 |
| | | $PM_{2.5}$ | 0.001 | 0.003 |
| 34 E/C East | Eddy Current in Medium E/C Line (5) | PM | 0.04 | 0.14 |
| | | $PM_{10}$ | 0.01 | 0.05 |
| | | $PM_{2.5}$ | 0.002 | <0.01 |
| 61 | Vibratory Tray and Aspirator 1321 (5) | PM | 0.01 | 0.04 |
| | | $PM_{10}$ | 0.004 | 0.01 |
| | | $PM_{2.5}$ | 0.001 | 0.002 |
| 62 | Vibratory Tray and Aspirator 1311 (5) | PM | 0.03 | 0.09 |
| | | $PM_{10}$ | 0.20 | 0.03 |
| | | $PM_{2.5}$ | 0.001 | 0.005 |
| 63 | Vibratory Tray and Aspirator 1140 (5) | PM | 0.01 | 0.03 |
| | | $PM_{10}$ | 0.003 | 0.01 |
| | | $PM_{2.5}$ | 0.001 | 0.002 |
| 66 | Eddy Current in Small E/C line (5) | PM | 0.02 | 0.06 |
| | | $PM_{10}$ | <0.01 | 0.02 |
| | | $PM_{2.5}$ | 0.001 | 0.003 |
| 69 | Vibratory Tray 9151 (5) | PM | 0.01 | 0.03 |
| | | $PM_{10}$ | 0.003 | 0.01 |
| | | $PM_{2.5}$ | 0.001 | 0.002 |
| 70 | Vibratory Tray 9160 (5) | PM | 0.02 | 0.07 |
| | | $PM_{10}$ | <0.01 | 0.02 |
| | | $PM_{2.5}$ | 0.001 | <0.01 |
| 71 | Vibratory Tray (5) | PM | 0.01 | 0.03 |
| | | $PM_{10}$ | <0.001 | 0.01 |
| | | $PM_{2.5}$ | <0.01 | 0.001 |
| 72 | Vibratory Tray and Aspirator (5) | PM | 0.01 | 0.02 |
| | | $PM_{10}$ | 0.002 | 0.01 |
| | | $PM_{2.5}$ | <0.001 | 0.001 |

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| | | | | |
|---|---|---|---|---|
| 64 | Vibratory Tray 9151 (5) | PM | 0.003 | 0.01 |
| | | $PM_{10}$ | 0.001 | 0.003 |
| | | $PM_{2.5}$ | <0.001 | <0.001 |
| 65 | Vibratory Tray 9160 (5) | PM | 0.003 | 0.01 |
| | | $PM_{10}$ | 0.001 | 0.003 |
| | | $PM_{2.5}$ | <0.001 | <0.001 |
| 67 | STAR Material Transfers (5) Transfer Points 1-92 | PM | 3.84 | 4.75 |
| | | $PM_{10}$ | 1.82 | 2.24 |
| | | $PM_{2.5}$ | 0.28 | 0.34 |
| 68 | STAR Stockpiles (5) | PM | 0.19 | 0.82 |
| | | $PM_{10}$ | 0.09 | 0.41 |
| | | $PM_{2.5}$ | 0.01 | 0.06 |
| 74 | Microfines Baghouse | PM | 1.33 | 5.84 |
| | | $PM_{10}$ | 1.331 | 5.84 |
| | | $PM_{2.5}$ | 0.20 | 0.89 |

(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) 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
VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
Pb - lead
(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) Planned startup and shutdown emissions are included. Maintenance activities are not authorized by this permit.

Date: TBD