

EMISSION SOURCES - MAXIMUM ALLOWABLE EMISSION RATES

Permit Number 26080

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) | <u>Emission Rates</u> | |
|------------------------|--|--------------------------|-----------------------|-------|
| | | | lb/hr | TPY |
| 1 | Raw Material Unloading and Storage Baghouse Stack | PM/PM ₁₀ | 0.77 | 3.39 |
| 2 | Scrap Tile Processing and Material Weigh/Feed Baghouse Stack | PM/PM ₁₀ | 1.86 | 8.15 |
| 3 | Screening/Pressing Baghouse Stack | PM/PM ₁₀ | 2.06 | 9.04 |
| 4 | Glaze Prep/Tile Glazing Baghouse Stack | PM/PM ₁₀ | 0.57 | 2.51 |
| 5 | Tile Dryer Line No. 2 Stack | PM/PM ₁₀ | 0.08 | 0.33 |
| | | VOC | 0.15 | 0.65 |
| | | NO _x | 0.05 | 0.22 |
| | | CO | 0.75 | 3.26 |
| | | SO ₂ | <0.01 | <0.01 |
| | | HF | <0.01 | <0.01 |
| | | HCl | <0.01 | <0.01 |
| 6 | Tile Dryer Line No. 1 Stack | PM/PM ₁₀ | 0.08 | 0.33 |
| | | VOC | 0.15 | 0.65 |
| | | NO _x | 0.05 | 0.22 |
| | | CO | 0.75 | 3.26 |
| | | SO ₂ | <0.01 | <0.01 |
| | | HF | <0.01 | <0.01 |
| | | HCl | <0.01 | <0.01 |

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| | | | | |
|----|--------------------------------------|---------------------|-------|-------|
| 11 | Spray Dryer Scrubber Stack | PM/PM ₁₀ | 5.97 | 26.14 |
| | | VOC | 0.29 | 1.26 |
| | | NO _x | 1.45 | 6.32 |
| | | CO | 0.39 | 1.69 |
| | | SO ₂ | 0.01 | 0.03 |
| | | HF | 0.58 | 2.53 |
| | | HCl | 0.04 | 0.17 |
| 12 | Tile Aerosol Glaze Scrubber Stack | PM/PM ₁₀ | 0.83 | 3.66 |
| 13 | Body Material Storage Baghouse Stack | PM/PM ₁₀ | 0.63 | 2.75 |
| 14 | Tile Dryer Line No. 4 Stack | PM/PM ₁₀ | 0.08 | 0.33 |
| | | VOC | 0.15 | 0.65 |
| | | NO _x | 0.05 | 0.22 |
| | | CO | 0.75 | 3.26 |
| | | SO ₂ | <0.01 | <0.01 |
| | | HF | <0.01 | <0.01 |
| | | HCl | <0.01 | <0.01 |
| 15 | Tile Dryer Line No. 3 Stack | PM/PM ₁₀ | 0.08 | 0.33 |
| | | VOC | 0.15 | 0.65 |
| | | NO _x | 0.05 | 0.22 |
| | | CO | 0.75 | 3.26 |
| | | SO ₂ | <0.01 | <0.01 |
| | | HF | <0.01 | <0.01 |
| | | HCl | <0.01 | <0.01 |
| 20 | Tile Dryer Line No. 5 Stack | PM/PM ₁₀ | 0.08 | 0.33 |
| | | VOC | 0.15 | 0.65 |
| | | NO _x | 0.05 | 0.22 |
| | | CO | 0.75 | 3.26 |
| | | SO ₂ | <0.01 | <0.01 |
| | | HF | <0.01 | <0.01 |
| | | HCl | <0.01 | <0.01 |
| 23 | Screening/Pressing Baghouse Stack | PM/PM ₁₀ | 0.68 | 2.96 |
| 24 | Tile Dryer Line | PM/PM ₁₀ | 0.07 | 0.33 |

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| | | | | |
|----|--------------------------------------|----------------------|-------|--------|
| 27 | No. 6 Stack | VOC | 0.15 | 0.65 |
| | | NO _x | 0.05 | 0.22 |
| | | CO | 0.74 | 3.26 |
| | | SO ₂ | <0.01 | <0.01 |
| | | PM/PM ₁₀ | 1.79 | 7.85 |
| 28 | Crusher and Screening Baghouse Stack | PM/PM ₁₀ | 0.13 | 0.57 |
| 29 | Tile Cleaning Baghouse Stack | PM/ PM ₁₀ | 4.59 | 20.09 |
| | | VOC | 0.71 | 3.13 |
| | | NO _x | 11.13 | 48.76 |
| | | CO | 7.26 | 31.80 |
| | | SO ₂ | 47.72 | 209.03 |
| | | HF | 24.31 | 106.47 |
| | | HCl | 7.48 | 32.76 |

(1) Emission point identification - either specific equipment designation or emission point number from a plot plan.

(2) Specific point source names. For fugitive sources, use an 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

SO₂ - sulfur dioxide

PM - particulate matter, suspended in the atmosphere, including PM₁₀ and PM_{2.5}

PM₁₀ - particulate matter equal to or less than 10 microns in diameter

CO - carbon monoxide

HCl - hydrogen chloride

HF - hydrogen fluoride

Dated November 20, 2007