

Btu/hr) 0.007632 // Cooler Hydraulic Discharger #3706.30 (3 hp; 7632 Btu/hr) 0 // Cooler Cyclone #3710 0.001272 // Cooler Cyclone Fines Valve #3710.01 (0.5 hp; 1272 Btu/hr) 0 // Cooler Fines BFM Flexible Fitting #3710.20 0 // Cooler Fines Diverter #3710.60 0 // Cooler Exhaust Air Filter #3712 0.190800 // Cooler Exhaust Fan #3714 (75 hp; 190800 Btu/hr) 0.161544 // Process Liquid Handling System (63.5 hp total; 161544 Btu/hr) Drag conveyors to packaging bins 0.0 // The following equipment is common to process lines #1, #2, and #3: 0.161544 // Process Liquid Handling System (63.5 hp total; 161544 Btu/hr) 0 // The following equipment is common to process lines #1 and #2: 0.814080 // IONO2X 1&2 Odor Treatment System #3820 (320 hp total; 814080 Btu/hr); Permitted as C013997 0.381600 // IONO2X 1&2 Exhaust Fan #3822 (150 hp; 381600 Btu/hr) 0 // IONO2X 1&2 Exhaust Damper ===

CONDITIONS:

1.This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer, supplier, and or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 1302]

1.This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer, supplier, and or sound engineering principles which produce the minimum emissions of contaminants. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[District Rule 1302]

2.The owner operator shall conduct a minimum program of inspection and maintenance on the bin vents serving this equipment. The owner/operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. Monthly bin vent stack observation date and result using EPA Method 22, and EPA method 9 if Method 22 detects visible emissions, or In lieu of Method 9, owner operator may cease operations until deficiencies contributing to opacity are corrected.
- b. Quarterly bin vent bag, filter, cartridge, and suspension system inspection date and results;
- c. Date of bin vent bag, filter, cartridge replacements; and,
- d. Date and nature of any system repairs.

[District Rule 1303]

2.The owner operator shall conduct a minimum program of inspection and maintenance on the bin vents serving this equipment. The owner/operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. Quarterly process stack observation date and result using EPA Method 22, and EPA method 9 if Method 22 detects visible emissions, or In lieu of Method 9, owner operator may cease operations until deficiencies contributing to opacity are corrected.
- b. Quarterly bin vent bag, filter, cartridge, and suspension system inspection date and results;
- c. Date of bin vent bag, filter, cartridge replacements; and,
- d. Date and nature of any system repairs.

[District Rule 1303]

3.The owner operator shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- a. As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
- b. Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection (a) of District Rule 401 (20% opacity).

[District Rule 401]

3.The owner operator shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- a. As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
- b. Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subsection (a) of District Rule 401 (20% opacity).

[District Rule 401]

4.This equipment shall not be operated unless the air pollution control devices with the following permits are in place and properly

operating (as applicable): C008773, C009322, C009323, C009709, C009712, C013995, and C013997.
[District Rule 1302]

4.This equipment shall not be operated unless the air pollution control devices with the following permits are in place and properly operating (as applicable): C008773, C009322, C009323, C009709, C009712, C013995, and C013997.
[District Rule 1302]

5.The owner operator shall maintain on-site a minimum inventory of replacement bin vent bags, filters, and or cartridges that assures compliance with these conditions.
[District Rule 1302]

5.The owner operator shall maintain on-site a minimum inventory of replacement bin vent bags, filters, and or cartridges that assures compliance with these conditions.
[District Rule 1302]

6.The owner operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
a. Monthly facility finished production, in pounds or tons
b. Cumulative last-twelve-month facility finished production, in pounds or tons.
[District Rule 1302]

6.The owner operator shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
a. Monthly facility finished production, in pounds or tons
b. Cumulative last-twelve-month facility finished production, in pounds or tons.
[District Rule 1302]

7.This facility shall not produce more than 220,000 tons per year of finished product, calculated on a rolling twelve month basis, additionally, this facility shall not re-package more than 11,000 tons per year of finished product, calculated on a twelve month basis.
[District Rule 1302]

7.This facility shall not produce more than 220,000 tons per year of finished product, calculated on a rolling twelve month basis, additionally, this facility shall not re-package more than 11,000 tons per year of finished product, calculated on a twelve month basis.
[District Rule 1302]

8.This equipment shall not be operated without this equipment's ducted exhaust being directed to atmosphere through the common unit chimney (C009709).
[District Rule 1302]

8.This equipment shall not be operated without this equipment's ducted exhaust being directed to atmosphere through the common unit chimney (C009709).
[District Rule 1302]

9.The extruder process shall not be operated without the Wenger Preconditioner Vent Control System in operation.
[District Rule 1302]

9.The extruder process shall not be operated without the Wenger Preconditioner Vent Control System in operation.
[District Rule 1302]

10.The entire facility shall not emit any of the Regulated Pollutants listed below in excess of the following limits in any consecutive 12 month period to remain below the USEPA's Synthetic Minor - 80% (SM-80) threshold:

- a. Oxides of Nitrogen (NOx): 20 tons per consecutive twelve (12) month period, measured as NO₂;
 - b. Oxides of Sulfur (SOx): 20 tons per consecutive twelve (12) month period;
 - c. Volatile Organic Compounds (VOC): 20 tons per consecutive twelve (12) month period;
 - d. Carbon Monoxide (CO): 80 tons per consecutive twelve (12) month period;
 - e. Hydrogen Sulfide (H₂S): 8 tons per consecutive twelve (12) month period;
 - f. Lead (Pb): 0.48 tons per consecutive twelve (12) month period;
 - g. Particulate Matter 10 microns and less (PM₁₀): 46.72 tons (93,437 pounds - District Rule 1303(B) - basis: limit offset) per consecutive twelve (12) month period;
 - h. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve (12) month period; and,
 - i. All HAPs combined: 20 tons per consecutive twelve (12) month period. Compliance with these limits shall be demonstrated through the submission of a facility-wide Comprehensive Emission Inventory (CEI) for all emitted Regulated Air Pollutants. Exceedance of these emission limits may trigger offsets, BACT, National Emission Standards for Hazardous Air Pollutants (NESHAP), and/or require submission of a Title V permit application.
- [District Rules 1302 and 1303]

10. The entire facility shall not emit any of the Regulated Pollutants listed below in excess of the following limits in any consecutive 12 month period to remain below the USEPA's Synthetic Minor - 80% (SM-80) threshold:

- a. Oxides of Nitrogen (NOx): 20 tons per consecutive twelve (12) month period, measured as NO₂;
 - b. Oxides of Sulfur (SOx): 20 tons per consecutive twelve (12) month period;
 - c. Volatile Organic Compounds (VOC): 20 tons per consecutive twelve (12) month period;
 - d. Carbon Monoxide (CO): 80 tons per consecutive twelve (12) month period;
 - e. Hydrogen Sulfide (H₂S): 8 tons per consecutive twelve (12) month period;
 - f. Lead (Pb): 0.48 tons per consecutive twelve (12) month period;
 - g. Particulate Matter 10 microns and less (PM₁₀): 46.72 tons (93,437 pounds - District Rule 1303(B) - basis: limit offset) per consecutive twelve (12) month period;
 - h. Any single Hazardous Air Pollutant (HAP): 8 tons per consecutive twelve (12) month period; and,
 - i. All HAPs combined: 20 tons per consecutive twelve (12) month period. Compliance with these limits shall be demonstrated through the submission of a facility-wide Comprehensive Emission Inventory (CEI) for all emitted Regulated Air Pollutants. Exceedance of these emission limits may trigger offsets, BACT, National Emission Standards for Hazardous Air Pollutants (NESHAP), and/or require submission of a Title V permit application.
- [District Rules 1302 and 1303]

11. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]

11. A facility wide Comprehensive Emission Inventory (CEI) for all emitted criteria and toxic air pollutants must be submitted to the District, in a format approved by the District, upon District request.

[District Rule 107(b), H&S Code 39607 & 44341-44342, and 40 CFR 51, Subpart A]