# Facility General Information

**General facility information to review and update (please use red or blue ink to update).**

## Section 1: Facility Identifactio

| | | | |
|---|---|---|---|
| **a.) County Code:** | 145 | **b.) Plant ID:** | 00001 |
| **c.) Facility Name:** | KNAUF FIBERGLASS | | |

## Section 2: Physical Address:

| | |
|---|---|
| **a.) Source Address:** | 240 ELIZABETH STREET |
| **b.) Source City and Zip Code:** | SHELBYVILLE, 46176 |

## Section 3: Mailing Address:

| | |
|---|---|
| **a.) Corporate Name:** | |
| **b.) Mailing Address:** | |
| **c.) Mailing City, State, Zip Code:** | , |

## Section 4: Source Location

| | | | | |
|---|---|---|---|---|
| **a.)** | **UTM Vertical:** | 4375 | **UTM Horizontal:** | 605 |
| **b.)** | **Latitude:** | 393111 | **Longitude:** | 854643 |

## Section 5: Industrial Classificatio

| | | | |
|---|---|---|---|
| **a.)** | **Primary NAICS Code:** | 327993 | Mineral Wool Manufacturing |
| **b.)** | **Primary SIC Code:** | 3296 | Mineral Wool |

## Section 6: Contact Informatio

| | | |
|---|---|---|
| **a.)** | **Emissions Contact Official and Title:** | S.ALDRIDGE, MNGR. ENV. AFF. |
| **b.)** | **Emissions Contact Phone Number:** | (317) 398-4434 |
| **c.)** | **Emissions Contact Fax Number:** | |
| **d.)** | **Emissions Contact E-Mail Address:** | sra1@knauffiberglass.com |
| **e.)** | **Year of Inventory:** | 2002 |
| **f.)** | **Date Updated** | |
| **g.)** | **Signature:** | |

# Stack Parameters

**Stack Information to Review and Update (please use red or blue ink to update). Use a blank form to add stacks.**

## Section 7: Stack Information

| a.) ID # | b.) Description | c.) Height (ft) | d.) Diameter (ft) | e.) Flow (acfm) | f.) Temp (f) | g.) UTM Vertical or Latitude | h.) UTM Horizontal or |
|---|---|---|---|---|---|---|---|
| 1 | 603 FURN, ELECTRIC | 0 | 0 | 0 | 250 | 393111 | 854643 |
| 2 | 603 FORMING | 150 | 9 | 80000 | 100 | 393111 | 854643 |
| 3 | 605 FURNACE, GAS | 70 | 0.67 | 1281 | 315 | 393111 | 854643 |
| 4 | 605 FORMING | 70 | 5.7 | 97000 | 110 | 393111 | 854643 |
| 5 | 605 CURING OVEN | 70 | 4 | 44900 | 430 | 393111 | 854643 |
| 6 | 605 COOLING | 35 | 1.5 | 6000 | 100 | 393111 | 854643 |
| 7 | 601 FURNACE, ELECTRIC | 0 | 0 | 0 | 90 | 393111 | 854643 |
| 8 | 601 FORMING & OVEN & COOL | 150 | 10 | 160000 | 200 | 393111 | 854643 |
| 9 | DELETE | 0 | 0 | 0 | 0 | 393111 | 854643 |
| 10 | 602 FURNACE, GAS | 90 | 4 | 10000 | 475 | 393111 | 854643 |
| 11 | 602 FORMING & OVEN & COOL | 150 | 12 | 220000 | 200 | 393111 | 854643 |
| 12 | DELETE | 1 | 0.01 | 0 | 0 | 393111 | 854643 |
| 14 | 3001 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |
| 15 | 3002 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |
| 16 | 3003 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |
| 17 | 3004 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |
| 18 | 3005 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |
| 19 | 3006 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |
| 20 | 3007 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |
| 21 | 3008 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |
| 22 | 3009 OVEN | 41 | 1.88 | 10000 | 350 | 393111 | 854643 |

# Abatement Equipment Information

**Abatement equipment information to review and update (please use red or blue ink to update). Use a blank form to add abatement equipment.**

## Section 8: Abatement Equipment

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 1 | 053 | VENTURI SCRUBBER - 001, 2 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| 7664417 | AMMONIA | 10 |

| | | |
|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 50 |
| PT | TOTAL PARTICULATE MATTER | 50 |
| VOC | VOLATILE ORGANIC COMPOUNDS | 50 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 2 | 010 | ELECTROSTATIC PRECIPITATOR - H - 004, 1 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 98 |
| PT | TOTAL PARTICULATE MATTER | 98 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 4 | 010 | ELECTROSTATIC PRECIPITATOR - H - 004, 2 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| VOC | VOLATILE ORGANIC COMPOUNDS | 50 |
| PT | TOTAL PARTICULATE MATTER | 85 |
| PM10 | PARTICULATE MATTER 10 | 85 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 5 | 002 | WET SCRUBBER - MEDIUM EFFICIEN - 004, 2 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| VOC | VOLATILE ORGANIC COMPOUNDS | 50 |
| PM10 | PARTICULATE MATTER 10 | 50 |
| PT | TOTAL PARTICULATE MATTER | 50 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 6 | 002 | WET SCRUBBER - MEDIUM EFFICIEN - 004, 3 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PT | TOTAL PARTICULATE MATTER | 50 |
| VOC | VOLATILE ORGANIC COMPOUNDS | 50 |
| PM10 | PARTICULATE MATTER 10 | 50 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 7 | 010 | ELECTROSTATIC PRECIPITATOR - H - 004, 3 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 85 |
| PT | TOTAL PARTICULATE MATTER | 85 |
| VOC | VOLATILE ORGANIC COMPOUNDS | 50 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 8 | 003 | WET SCRUBBER - LOW EFFICIENCY - 004, 4 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| VOC | VOLATILE ORGANIC COMPOUNDS | 25 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 9 | 018 | FABRIC FILTER - LOW TEMPERATUR - 006, 1 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PT | TOTAL PARTICULATE MATTER | 99 |
| PM10 | PARTICULATE MATTER 10 | 99 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 10 | 099 | MISCELLANEOUS CONTROL DEVICES - 014, 1 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PT | TOTAL PARTICULATE MATTER | 99 |
| NO2 | NITROGEN DIOXIDE | 99 |
| PM10 | PARTICULATE MATTER 10 | 99 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 11 | 002 | WET SCRUBBER - MEDIUM EFFICIEN - 003, 2 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 50 |
| PT | TOTAL PARTICULATE MATTER | 50 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 12 | 010 | ELECTROSTATIC PRECIPITATOR - H - 003, 2 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| VOC | VOLATILE ORGANIC COMPOUNDS | 10 |
| PM10 | PARTICULATE MATTER 10 | 85 |
| PT | TOTAL PARTICULATE MATTER | 85 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 13 | 003 | WET SCRUBBER - LOW EFFICIENCY - 003, 2 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| VOC | VOLATILE ORGANIC COMPOUNDS | 10 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 14 | 002 | WET SCRUBBER - MEDIUM EFFICIEN - 003, 3 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PT | TOTAL PARTICULATE MATTER | 50 |
| VOC | VOLATILE ORGANIC COMPOUNDS | 50 |
| PM10 | PARTICULATE MATTER 10 | 50 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 15 | 010 | ELECTROSTATIC PRECIPITATOR - H - 003, 3 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 85 |
| PT | TOTAL PARTICULATE MATTER | 85 |
| VOC | VOLATILE ORGANIC COMPOUNDS | 50 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 16 | 003 | WET SCRUBBER - LOW EFFICIENCY - 003, 4 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| VOC | VOLATILE ORGANIC COMPOUNDS | 25 |
| PM10 | PARTICULATE MATTER 10 | 50 |
| PT | TOTAL PARTICULATE MATTER | 50 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 17 | 018 | FABRIC FILTER - LOW TEMPERATUR - 005, 1 |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PT | TOTAL PARTICULATE MATTER | 99 |
| PM10 | PARTICULATE MATTER 10 | 99 |

| a.) Abatement ID | b.) Equipment Code | c.) Abatement Equipment Description |
|---|---|---|
| 18 | 017 | FABRIC FILTER - MEDIUM TEMPERATURE |

| d.) Pollutant | Pollutant Description | e.) Abatement Efficiency |
|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 90 |

## Group/Process/Emissions Information

**Please complete information for Groups, Processes and Emissions (please use red or blue ink to update). All highlighted items must be completed. Use a blank form to add groups, processes, and**

### Section 9: Group Information

| | | | |
|---|---|---|---|
| **a.) Group Number:** 001 | **b.) Description:** 603 PRODUCTION LINE | | |
| **Operating Schedule:** **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** |

### Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 603 FURN, ELECTRIC | |
| c.) Source Classification Code (SCC): 30501203 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 1 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 1.46 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

### Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| CRC | CHROMIUM COMPOUNDS | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 8 | 0.480 | 0 | |
| PT | TOTAL PARTICULATE MATTER | 8 | 0.5 | 0 | |
| SO2 | SULFUR DIOXIDE | 8 | 0.04 | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 8 | 0.2 | 0 | |

## Section 10. Process Information

| | | | |
|---|---|---|---|
| a.) Process Number: 2 | b.) Description: 603 FORMING | | |
| c.) Source Classification Code (SCC): 30501204 | | d.) Units: Tons Material Processed | |
| e.) Stack Number: 2 | | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** | |
| j.) Maximum Operation Rate (Units/Hour): 1.54 | | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 1 | m.) Capture Efficiency: 99 | |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| 7664417 | AMMONIA | 4 | | 9.9 | |
| CO | CARBON MONOXIDE | 5 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 49.5 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 49.5 | |
| SO2 | SULFUR DIOXIDE | 4 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 4 | | 49.5 | |

## Section 9: Group Information

| | | | |
|---|---|---|---|
| **a.) Group Number:** 002 | **b.) Description:** 605 PRODUCTION LINE | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 605 FURNACE, GAS | |
| c.) Source Classification Code (SCC): 30501207 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 3 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 0.9 | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 18 | m.) Capture Efficiency: 90 |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 8 | 0.25 | 0 | |
| CRC | CHROMIUM COMPOUNDS | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 81 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| SO2 | SULFUR DIOXIDE | 4 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 3 | | 0 | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 2 | b.) Description: 605 FORMING | |
| c.) Source Classification Code (SCC): 30501204 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 4 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 0.9 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| 7664417 | AMMONIA | 4 | | 0 | |
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 4 | | 0 | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 3 | b.) Description: 605 OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 5 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 0.9 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| 7664417 | AMMONIA | 4 | | 0 | |
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 4 | | 0 | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 4 | b.) Description: 605 COOLING | |
| c.) Source Classification Code (SCC): 30501206 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 6 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 0.9 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| NO2 | NITROGEN DIOXIDE | 2 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 8 | 1.3 | 0 | |
| PT | TOTAL PARTICULATE MATTER | 8 | 1.3 | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 8 | 0.04 | 0 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 003 | **b.) Description:** 601 PRODUCTION LINE | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 601 FURNACE, ELECTRIC | |
| c.) Source Classification Code (SCC): 30501207 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 7 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 4.12 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 8 | 0.25 | 0 | |
| CRC | CHROMIUM COMPOUNDS | 2 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 4 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 4 | | 0 | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 2 | b.) Description: 601 FORMING/OVEN/COOLING | |
| c.) Source Classification Code (SCC): 30501204 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 8 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 4.17 | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 11 | m.) Capture Efficiency: 99 |
| k.) Abatement Equipment Order 2 | l.) Abatement Equipment ID 12 | m.) Capture Efficiency: 99 |
| k.) Abatement Equipment Order 3 | l.) Abatement Equipment ID 13 | m.) Capture Efficiency: 99 |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| 7664417 | AMMONIA | 1 | | 0 | |
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 91.154 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 91.154 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 4 | | 18.534 | |

## Section 10. Process Information

| | | | |
|---|---|---|---|
| a.) Process Number: 3 | b.) Description: DELETE | | |
| c.) Source Classification Code (SCC): 30501205 | | d.) Units: Tons Material Processed | |
| e.) Stack Number: 0 | | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** | |
| j.) Maximum Operation Rate (Units/Hour): 0 | | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 14 | m.) Capture Efficiency: 99 | |
| k.) Abatement Equipment Order 2 | l.) Abatement Equipment ID 15 | m.) Capture Efficiency: 99 | |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| 7664417 | AMMONIA | 5 | | 0 | |
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | .72 | 91.154 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 4 | | 74.002 | |

## Section 10. Process Information

| | | | |
|---|---|---|---|
| a.) Process Number: 4 | b.) Description: DELETE | | |
| c.) Source Classification Code (SCC): 30501206 | | d.) Units: Tons Material Processed | |
| e.) Stack Number: 0 | | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** | |
| j.) Maximum Operation Rate (Units/Hour): 0 | | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 16 | m.) Capture Efficiency: 99 | |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 49.5 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 8 | 0.04 | 24.75 | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 5 | b.) Description: 601 FACING, WATER ADHESIV | |
| c.) Source Classification Code (SCC): 40200701 | d.) Units: Tons Coating Mix Applied | |
| e.) Stack Number: 0 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 3.33 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| 7732185 | WATER | 4 | | 0 | |

## Section 9: Group Information

| | | | |
|---|---|---|---|
| **a.) Group Number:** 004 | **b.) Description:** 602 PRODUCTION LINE | | |
| **Operating Schedule: c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 602 FURNACE, GAS | |
| c.) Source Classification Code (SCC): 30501207 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 10 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 5.42 | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 2 | m.) Capture Efficiency: 99 |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| CRC | CHROMIUM COMPOUNDS | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 97.02 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 97.02 | |
| SO2 | SULFUR DIOXIDE | 4 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 4 | | 0 | |

## Section 10. Process Information

| | | | |
|---|---|---|---|
| a.) Process Number: 2 | b.) Description: 602 FORMING/OVEN/COOLING | | |
| c.) Source Classification Code (SCC): 30501204 | d.) Units: Tons Material Processed | | |
| e.) Stack Number: 11 | ***f.) Process Rate (throughput):*** | | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** | |
| j.) Maximum Operation Rate (Units/Hour): 5.42 | | | |
| k.) Abatement Equipment Order 2 | l.) Abatement Equipment ID 4 | m.) Capture Efficiency: 99 | |
| k.) Abatement Equipment Order 3 | l.) Abatement Equipment ID 5 | m.) Capture Efficiency: 99 | |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| 7664417 | AMMONIA | 4 | | 0 | |
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 91.501 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 91.501 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 8 | 7.0 | 74.002 | |

## Section 10. Process Information

| | | | |
|---|---|---|---|
| a.) Process Number: 3 | b.) Description: DELETE | | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | | |
| e.) Stack Number: 0 | ***f.) Process Rate (throughput):*** | | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** | |
| j.) Maximum Operation Rate (Units/Hour): 0 | | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 6 | m.) Capture Efficiency: 99 | |
| k.) Abatement Equipment Order 2 | l.) Abatement Equipment ID 7 | m.) Capture Efficiency: 99 | |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 5 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 5 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | .72 | 91.154 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 74.002 | |

## Section 10. Process Information

| | | | |
|---|---|---|---|
| a.) Process Number: 4 | b.) Description: DELETE | | |
| c.) Source Classification Code (SCC): 30501206 | | d.) Units: Tons Material Processed | |
| e.) Stack Number: 0 | | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** | |
| j.) Maximum Operation Rate (Units/Hour): 0 | | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 8 | m.) Capture Efficiency: 99 | |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 1 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 1 | 0.3 | 0 | |
| PM10 | PARTICULATE MATTER 10 | 2 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 2 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 4 | 0.004 | 24.75 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 005 | **b.) Description:** FURNACE DAY BINS, DUST | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | | |
|---|---|---|---|
| a.) Process Number: 1 | b.) Description: FURNACE DAY BINS | | |
| c.) Source Classification Code (SCC): 30501222 | | d.) Units: Tons Raw Material Processed | |
| e.) Stack Number: 0 | | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** | |
| j.) Maximum Operation Rate (Units/Hour): 14.25 | | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 17 | m.) Capture Efficiency: 99 | |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 8 | 0.1 | 98.01 | |
| PT | TOTAL PARTICULATE MATTER | 8 | 0.2 | 98.01 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 006 | **b.) Description:** BATCH MAT. SILOS, DUST | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: BATCH MATERIAL SILOS | |
| c.) Source Classification Code (SCC): 30501222 | d.) Units: Tons Raw Material Processed | |
| e.) Stack Number: 0 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 14.25 | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 9 | m.) Capture Efficiency: 99 |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 8 | 0.1 | 98.01 | |
| PT | TOTAL PARTICULATE MATTER | 8 | 0.2 | 98.01 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 009 | **b.) Description:** 3001 PIPE OVEN | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3001 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 14 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 0 | |

## Section 9: Group Information

| | | | |
|---|---|---|---|
| **a.) Group Number:** 010 | **b.) Description:** 3002 PIPE OVEN | | |
| **Operating Schedule: c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3002 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 15 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 0 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 011 | **b.) Description:** 3003 PIPE OVEN | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3003 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 16 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 0 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 012 | **b.) Description:** 3004 PIPE OVEN | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3004 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 17 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| SO2 | SULFUR DIOXIDE | 8 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 4 | | 0 | |

## Section 9: Group Information

| | | | |
|---|---|---|---|
| **a.) Group Number:** 013 | **b.) Description:** 3005 PIPE OVEN | | |
| **Operating Schedule: c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3005 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 18 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| SO2 | SULFUR DIOXIDE | 8 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 0 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 014 | **b.) Description:** DELETE | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: DELETE | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 0 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): | | |
| k.) Abatement Equipment Order 1 | l.) Abatement Equipment ID 10 | m.) Capture Efficiency: 99 |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 8 | 1.7 | 0 | |
| NO2 | NITROGEN DIOXIDE | 8 | 1.1 | 98.01 | |
| PT | TOTAL PARTICULATE MATTER | 8 | 9.0 | 98.01 | |
| SO2 | SULFUR DIOXIDE | 8 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 8 | 3.0 | 0 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 015 | **b.) Description:** FUGITIVE EMISSIONS | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: FUGITIVE EMISSIONS | |
| c.) Source Classification Code (SCC): 30501299 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 0 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): 14.33 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| PM10 | PARTICULATE MATTER 10 | 4 | | 0 | |

## Section 9: Group Information

| | | | |
|---|---|---|---|
| **a.) Group Number:** 016 | **b.) Description:** 3006 PIPE OVEN | | |
| **Operating Schedule: c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3006 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 19 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| SO2 | SULFUR DIOXIDE | 8 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 0 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 017 | **b.) Description:** 3007 PIPE OVEN | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3007 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 20 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| SO2 | SULFUR DIOXIDE | 8 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 0 | |

## Section 9: Group Information

| | | | | |
|---|---|---|---|---|
| **a.) Group Number:** 018 | **b.) Description:** 3008 PIPE OVEN | | | |
| **Operating Schedule:** | **c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** | |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3008 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 21 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| SO2 | SULFUR DIOXIDE | 8 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 0 | |

## Section 9: Group Information

| | | | |
|---|---|---|---|
| **a.) Group Number:** 019 | **b.) Description:** 3009 PIPE OVEN | | |
| **Operating Schedule: c.) Hours/Day:** | **d.) Days/Week:** | **e.) Weeks/Year:** | **f.) Hours/Year:** |
| **Quarterly Operating Schedule (Must equal 100%)** | | | |
| **g.) 1st Qtr (%):** | **h.) 2nd Qtr (%):** | **i.) 3rd Qtr (%):** | **j.) 4th Qtr (%):** |

## Section 10. Process Information

| | | |
|---|---|---|
| a.) Process Number: 1 | b.) Description: 3009 PIPE OVEN | |
| c.) Source Classification Code (SCC): 30501205 | d.) Units: Tons Material Processed | |
| e.) Stack Number: 22 | ***f.) Process Rate (throughput):*** | |
| ***g.) Ash Content(%):*** | ***h.) Sulfur Content(%):*** | ***i.) Heat Ratio:*** |
| j.) Maximum Operation Rate (Units/Hour): .5 | | |
| k.) Abatement Equipment Order | l.) Abatement Equipment ID | m.) Capture Efficiency: |

## Section 11: Emissions Information

| a.) Pollutant | Pollutant Description | b.) Estimation Method | c.) Emission Factor | d.) Overall Controll Efficiency | **e.) Emissions (tons)** |
|---|---|---|---|---|---|
| CO | CARBON MONOXIDE | 4 | | 0 | |
| NO2 | NITROGEN DIOXIDE | 4 | | 0 | |
| PM10 | PARTICULATE MATTER 10 | 1 | | 0 | |
| PT | TOTAL PARTICULATE MATTER | 1 | | 0 | |
| SO2 | SULFUR DIOXIDE | 8 | | 0 | |
| VOC | VOLATILE ORGANIC COMPOUNDS | 5 | | 0 | |