# Facility Emission Detail
## MGPI of Indiana
**Plant ID:1802900005** **Report for 2014**
**Location: 7 Ridge Ave,Lawrenceburg,47025**
**NAICS: 31214 Distilleries**

**Facility Emissions Overview**

| Pollutants | Pollutant Description | Emissions (Tons) |
|---|---|---|
| PM-CON | Primary PM Condensible Only (All Less Than 1 | 4.3548 |
| SO2 | Sulfur Dioxide | 0.4584 |
| NOX | Nitrogen Oxides | 38.20 |
| PM25-FIL | Primary PM2.5, Filterable Portion Only | 7.9440 |
| CO | Carbon Monoxide | 64.1760 |
| NH3 | Ammonia | 0.3744 |
| VOC | Volatile Organic Compounds | 1497.4667 |
| 7439921 | Lead | 0.0004 |
| PM10-FIL | Primary PM10, Filterable Portion Only | 48.8671 |



**Group ID:** 001 **Group Description:** GRAIN HANDLING
**Percent Quarterly Throughput**
**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24
**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 11** **Description:** OLD GRAIN UNLOADING OPERA

**SCC:** 30200605
Food and Agriculture
Feed and Grain Country Elevators
Unloading (Receiving)
**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 28262 Tons
**Material:** Grain

**Stack:** 103
**Description:** GRAIN BINS, OLD GRAIN UN'
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM10-FIL | State/Local Emission Factor | 0.2350 | 0 | 3.3208 |
| PM25-FIL | EPA Emission Factor | 0.0828 | 0 | 1.1700 |

**Process ID: 12** **Description:** CORN TRANSFER TO BINS

**SCC:** 30200605
Food and Agriculture
Feed and Grain Country Elevators
Unloading (Receiving)
**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 132575 Tons
**Material:** Grain

**Stack:** 112
**Description:** CORN TRANSPORT TO BINS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM10-FIL | State/Local Emission Factor | 0.4046 | 99 | 0.2682 |
| PM25-FIL | State/Local Emission Factor | 0.113950 | 99 | 0.0755 |

**Group ID:** 001 **Group Description:** GRAIN HANDLING

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 13** **Description:** GRAIN BINS

**SCC:** 30200743
Food and Agriculture
Grain Millings
Dry Corn Milling: Precleaning/Handling

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 160836 Tons
**Material:** Grain

**Stack:** 103
**Description:** GRAIN BINS, OLD GRAIN UN'
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM25-FIL | State/Local Emission Factor | 0.0125 | 98.95 | 0.0106 |
| PM10-FIL | State/Local Emission Factor | 0.0125 | 98.95 | 0.0106 |

**Process ID: 14** **Description:** HAMMERMILLS

**SCC:** 30200743
Food and Agriculture
Grain Millings
Dry Corn Milling: Precleaning/Handling

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 160836 Tons
**Material:** Grain

**Stack:** 104
**Description:** HAMMERMILLS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM25-FIL | EPA Emission Factor | 0.0020 | 0 | 0.1608 |
| PM10-FIL | State/Local Emission Factor | 0.26 | 0 | 20.9087 |

**Group ID:** 002 **Group Description:** FERMENTING AND DISTILLING

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 20** **Description:** SPIRIT STILLS

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 9179 1000 Gallons
**Material:** Material

**Stack:** 210
**Description:** SPIRIT STILLS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.000620 | 0 | 0.0028 |

**Process ID: 21** **Description:** OPEN FERMENTERS "A"

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 1009 1000 Bushels
**Material:** Material

**Stack:** 201
**Description:** OPEN FERMENTERS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 14.20 | 0 | 7.1639 |

**Process ID: 22** **Description:** CLOSED FERMENTERS "B"

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 4735 1000 Bushels
**Material:** Material

**Stack:** 202
**Description:** CLOSED FERMENTERS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 1.42 | 1 | 3.3282 |

**Process ID: 23** **Description:** BEER WELL #1 "B"

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 1
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 4735 1000 Bushels
**Material:** Material

**Stack:** 203
**Description:** BEER WELL #1
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 2.72 | 0 | 6.4396 |

**Group ID:** 002 **Group Description:** FERMENTING AND DISTILLING

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 24** **Description:** BEER WELL #3 "A"

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 1009 1000 Bushels
**Material:** Material

**Stack:** 204
**Description:** BEER WELL #3
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 2.72 | 0 | 1.3722 |

**Process ID: 25** **Description:** BEER STILLS

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 171939 1000 Gallons
**Material:** Material

**Stack:** 205
**Description:** BEER STILLS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.000620 | 0 | 0.0533 |

**Process ID: 26** **Description:** COLUMN & KETTLES

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 146 1000 Gallons
**Material:** Material

**Stack:** 206
**Description:** COLUMN & KETTLES
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.000620 | 0 | 0.0000 |

**Process ID: 27** **Description:** GIN STILLS

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 2718 1000 Gallons
**Material:** Material

**Stack:** 207
**Description:** GIN STILLS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.000620 | 0 | 0.0008 |

**Group ID:** 002 **Group Description:** FERMENTING AND DISTILLING

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 29** **Description:** DOUBLER STILL

**SCC:** 30201004
Food and Agriculture
Distilled Spirits
Fermentation Tank** (see 3-02-010-14)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 3771 1000 Gallons
**Material:** Material

**Stack:** 209
**Description:** DOUBLER
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.000620 | 0 | 0.0012 |

**Group ID:** 003 **Group Description:** DRYER HOUSE OPERATIONS

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 31** **Description:** PADDLE SCREENS (2 VENTS)

**SCC:** 30201002
Food and Agriculture
Distilled Spirits
Dryer House Operations

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 162 Tons
**Material:** Grain

**Stack:** 301
**Description:** PADDLE SCREEN VENTS (2)
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM10-FIL | EPA Emission Factor | 3.05 | 0 | 0.2470 |
| VOC | State/Local Emission Factor | 1.43 | 0 | 0.1158 |
| PM25-FIL | EPA Emission Factor | 1.15 | 0 | 0.0932 |

**Process ID: 32** **Description:** ROTARY DRYERS (5)

**SCC:** 30201002
Food and Agriculture
Distilled Spirits
Dryer House Operations

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 160836 Tons
**Material:** Grain

**Stack:** 303
**Description:** ROTARY DRYERS (5)
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | EPA Emission Factor | 2.60 | 0 | 209.0868 |
| PM10-FIL | State/Local Emission Factor | 0.27 | 85.50 | 3.1484 |
| PM25-FIL | State/Local Emission Factor | 0.1018 | 85.50 | 1.1871 |

**Process ID: 34** **Description:** DRIED GRAIN SILOS (2)

**SCC:** 30201001
Food and Agriculture
Distilled Spirits
Grain Handling** (see 3-02-006-05)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 43632 Tons
**Material:** Grain

**Stack:** 341
**Description:** DRIED GRAIN SILOS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM10-FIL | State/Local Emission Factor | 0.5122 | 0 | 11.1742 |
| PM25-FIL | EPA Emission Factor | 0.03 | 0 | 0.6545 |

**Process ID: 35** **Description:** DDG LOADERS

**SCC:** 30201001
Food and Agriculture
Distilled Spirits
Grain Handling** (see 3-02-006-05)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 43632 Tons
**Material:** Grain

**Stack:** 350
**Description:** NEW DDG LOADING
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM25-FIL | State/Local Emission Factor | 0.0005 | 94.05 | 0.0006 |
| PM10-FIL | State/Local Emission Factor | 0.0075 | 94.05 | 0.0097 |

**Group ID:** 003 **Group Description:** DRYER HOUSE OPERATIONS

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 36** **Description:** PADDLE SCREENS (2 VENTS)

**SCC:** 30201002
Food and Agriculture
Distilled Spirits
Dryer House Operations

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 5461 Tons
**Material:** Grain

**Stack:** 301
**Description:** PADDLE SCREEN VENTS (2)
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM25-FIL | EPA Emission Factor | 1.15 | 0 | 3.1401 |
| PM10-FIL | EPA Emission Factor | 3.05 | 0 | 8.3280 |
| VOC | State/Local Emission Factor | 5.09 | 0 | 13.8982 |

**Process ID: 37** **Description:** PADDLE SCREENS (2 VENTS)

**SCC:** 30201002
Food and Agriculture
Distilled Spirits
Dryer House Operations

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 Tons
**Material:** Grain

**Stack:** 301
**Description:** PADDLE SCREEN VENTS (2)
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 1.43 | 0 | 0 |
| PM10-FIL | EPA Emission Factor | 3.05 | 0 | 0 |
| PM25-FIL | EPA Emission Factor | 1.15 | 0 | 0 |

**Group ID:** 004 **Group Description:** TANK OPERATIONS

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 25 **Summer:** 25 **Fall:** 25

**Days Per Week:** 7 **Weeks Per Year:** 52 **Hours Per Day:** 24 **Hours Per Year:** 8736

**Process ID: 41** **Description:** WINE ROOM

**SCC:** 40700810
Organic Chemical Storage
Fixed Roof Tanks - Alcohols
Ethyl Alcohol: Working Loss

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 12043 1000 Gallons
**Material:** Ethanol

**Stack:** 410
**Description:** WINE ROOM
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 1.22 | 0 | 7.3462 |

**Process ID: 42** **Description:** TANK FARM

**SCC:** 40700809
Organic Chemical Storage
Fixed Roof Tanks - Alcohols
Ethyl Alcohol: Breathing Loss

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 6608 1000 Gallon-Years
**Material:** Ethanol

**Stack:** 420
**Description:** TANK FARM
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Existing

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 1.2670 | 0 | 4.1862 |

**Process ID: 44** **Description:** REGAUGE TANK ROOM

**SCC:** 40700810
Organic Chemical Storage
Fixed Roof Tanks - Alcohols
Ethyl Alcohol: Working Loss

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 1000 Gallons
**Material:** Ethanol

**Stack:** 440
**Description:** REGAUGE TANKS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.8170 | 0 | 0 |

**Process ID: 45** **Description:** MINI TANK FARM/BLDG 88

**SCC:** 40700809
Organic Chemical Storage
Fixed Roof Tanks - Alcohols
Ethyl Alcohol: Breathing Loss

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 13097 1000 Gallon-Years
**Material:** Ethanol

**Stack:** 430
**Description:** MINI TANK FARM/BLDG 88
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Existing

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 1.3880 | 0 | 9.0893 |

**Group ID:** 005 **Group Description:** BOTTLING OPERATIONS

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 5 **Weeks Per Year:** 51 **Hours Per Day:** 8 **Hours Per Year:** 2040

**Process ID: 51** **Description:** BOTTLING TANK ROOM

**SCC:** 40700810
Organic Chemical Storage
Fixed Roof Tanks - Alcohols
Ethyl Alcohol: Working Loss

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 1000 Gallons
**Material:** Ethanol

**Stack:** 510
**Description:** BOTTLING TANK ROOM
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.7410 | 0 | 0 |

**Process ID: 52** **Description:** BOTTLING LINES

**SCC:** 30201199
Food and Agriculture
Wines, Brandy, and Brandy Spirits
Other Not Classified

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 1000 Gallons
**Material:** Material

**Stack:** 520
**Description:** BOTTLING LINES
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.9130 | 0 | 0 |

**Process ID: 53** **Description:** COOLER OPERATIONS -FLAVOR

**SCC:** 30201199
Food and Agriculture
Wines, Brandy, and Brandy Spirits
Other Not Classified

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 1000 Gallons
**Material:** Material

**Stack:** 530
**Description:** COOLER OPERATIONS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.9130 | 0 | 0 |

**Process ID: 54** **Description:** COOLER OPERATIONS -TANKS

**SCC:** 30201199
Food and Agriculture
Wines, Brandy, and Brandy Spirits
Other Not Classified

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 1000 Gallons
**Material:** Material

**Stack:** 530
**Description:** COOLER OPERATIONS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.11 | 0 | 0 |

**Group ID:** 006 **Group Description:** BARREL FILLING

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 25 **Summer:** 25 **Fall:** 25

**Days Per Week:** 5 **Weeks Per Year:** 52 **Hours Per Day:** 8 **Hours Per Year:** 2080

**Process ID: 61** **Description:** BARREL FIL/MT GIN

**SCC:** 30201199
Food and Agriculture
Wines, Brandy, and Brandy Spirits
Other Not Classified

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 1000 Gallons
**Material:** Material

**Stack:** 610
**Description:** BARREL FILLING OPS.
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.9130 | 0 | 0 |

**Process ID: 62** **Description:** BARREL FIL/MT WHISKEY

**SCC:** 30201199
Food and Agriculture
Wines, Brandy, and Brandy Spirits
Other Not Classified

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 7542 1000 Gallons
**Material:** Material

**Stack:** 610
**Description:** BARREL FILLING OPS.
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.9130 | 0 | 3.4429 |

**Group ID:** 007 **Group Description:** BARREL STORAGE

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 25 **Summer:** 25 **Fall:** 25

**Days Per Week:** 7 **Weeks Per Year:** 52 **Hours Per Day:** 24 **Hours Per Year:** 8736

**Process ID: 71** **Description:** BARREL STORAGE OPS

**SCC:** 30201010
Food and Agriculture
Distilled Spirits
Whiskey Bottling: Storage** (see 3-02-010-18)

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 342660 Barrel-Years
**Material:** Product

**Stack:** 701
**Description:** BARREL STORAGE
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Existing

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 6.90 | 0 | 1182.1770 |

**Group ID:** 008 **Group Description:** FUGITIVE EMISSIONS

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 01** **Description:** FUGITIVE LEAKS FROM PIPES

**SCC:** 30288801
Food and Agriculture
Fugitive Emissions
Specify in Comments Field

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 5 Tons
**Material:** Product

**Stack:** 810
**Description:** FUGITIVE LEAKS FROM PIPES
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Produced (Outut)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | EPA Speciation Profile | 0 | 0 | 45.56 |

**Process ID: 02** **Description:** COAL PILE

**SCC:** 39999999
Miscellaneous Manufacturing Industries
Miscellaneous Industrial Processes
See Comment **

**Heat Content:** 1
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 Tons
**Material:** Material

**Stack:** 820
**Description:** COAL PILE EMISSIONS
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM10-FIL | Engineering Judgement | 0 | 0 | 0 |
| PM25-FIL | Engineering Judgement | 0 | 0 | 0 |

**Process ID: 03** **Description:** DISTILLERY MAINTENANCE

**SCC:** 39999989
Miscellaneous Manufacturing Industries
Miscellaneous Industrial Processes
Other Not Classified

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 Kilograms
**Material:** Material

**Stack:** 0
**Description:** No Stack Associated
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.0214 | 0 | 0 |

**Process ID: 04** **Description:** BOTTLING MAINTENANCE

**SCC:** 39999989
Miscellaneous Manufacturing Industries
Miscellaneous Industrial Processes
Other Not Classified

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 Kilograms
**Material:** Material

**Stack:** 0
**Description:** No Stack Associated
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | State/Local Emission Factor | 0.0214 | 0 | 0 |

**Group ID:** 009 **Group Description:** STEAM PLANT OPERATIONS

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 61** **Description:** BOILER #6 - COAL

**SCC:** 10300205
Commercial/Institutional
Bituminous/Subbituminous Coal
Pulverized Coal: Wet Bottom (Bituminous Coal)

**Heat Content:** 0
**Sulfur Content:** 0.85
**Ash Content:** 9.19
**Throughput:** 0 Tons
**Material:** Bituminous Coal

**Stack:** 906
**Description:** BOILER 6
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0

**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| PM-CON | EPA Emission Factor | 0 | 0 | 0 |
| 7440473 | EPA Emission Factor | 0.0310 | 0 | 0 |
| 7664393 | EPA Emission Factor | 0.15 | 0 | 0 |
| 7440439 | EPA Emission Factor | 0.001370 | 0 | 0 |
| 7439976 | EPA Emission Factor | 0.000380 | 0 | 0 |
| CO | EPA Emission Factor | 0.50 | 0 | 0 |
| VOC | EPA Emission Factor | 0.04 | 0 | 0 |
| NOX | State/Local Emission Factor | 22 | 0 | 0 |
| 7440020 | EPA Emission Factor | 0.0260 | 0 | 0 |
| 7440417 | EPA Emission Factor | 0.001940 | 0 | 0 |
| NH3 | EPA Emission Factor | 0.000560 | 0 | 0 |
| 7439921 | EPA Emission Factor | 0.0120 | 0 | 0 |
| SO2 | EPA Emission Factor | 38 | 0 | 0 |
| PM25-FIL | EPA Emission Factor | 1.48 | 98.19 | 0 |
| PM10-FIL | EPA Emission Factor | 2.60 | 98.19 | 0 |
| 7439965 | EPA Emission Factor | 0.0460 | 0 | 0 |
| 7440382 | EPA Emission Factor | 0.0130 | 0 | 0 |
| 7647010 | EPA Emission Factor | 1.20 | 0 | 0 |

**Process ID: 62** **Description:** BOILER #6 - FUEL OIL

**SCC:** 10300401
Commercial/Institutional
Residual Oil
Grade 6 Oil

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 1000 Gallons
**Material:** Residual Oil (No. 6)

**Stack:** 906
**Description:** BOILER 6
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0

**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| CO | EPA Emission Factor | 5 | 0 | 0 |
| 7439921 | EPA Emission Factor | 0.0042 | 0 | 0 |
| NH3 | EPA Emission Factor | 0.80 | 0 | 0 |
| PM10-FIL | EPA Emission Factor | 5.17 | 98.19 | 0 |
| SO2 | EPA Emission Factor | 157 | 0 | 0 |
| PM25-FIL | EPA Emission Factor | 1.92 | 98.19 | 0 |
| 7440473 | State/Local Emission Factor | 21 | 0 | 0 |
| 7440417 | State/Local Emission Factor | 0 | 0 | 0 |
| 50000 | State/Local Emission Factor | 161 | 0 | 0 |
| 7439976 | State/Local Emission Factor | 1.40 | 0 | 0 |
| 7440020 | State/Local Emission Factor | 837 | 0 | 0 |
| 7440439 | State/Local Emission Factor | 16 | 0 | 0 |
| NOX | EPA Emission Factor | 47 | 0 | 0 |
| 7440382 | State/Local Emission Factor | 0 | 0 | 0 |

**Group ID:** 009 **Group Description:** STEAM PLANT OPERATIONS

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 62** **Description:** BOILER #6 - FUEL OIL

**SCC:** 10300401
Commercial/Institutional
Residual Oil
Grade 6 Oil

**Heat Content:** 0
**Sulfur Content:** 0
**Ash Content:** 0
**Throughput:** 0 1000 Gallons
**Material:** Residual Oil (No. 6)

**Stack:** 906
**Description:** BOILER 6
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| VOC | EPA Emission Factor | 1.13 | 0 | 0 |
| 7439965 | State/Local Emission Factor | 23 | 0 | 0 |
| PM-CON | EPA Emission Factor | 1.50 | 0 | 0 |

**Process ID: 63** **Description:** BOILER #6 - NATURAL GAS

**SCC:** 10300601
Commercial/Institutional
Natural Gas
> 100 Million Btu/hr

**Heat Content:** 1
**Sulfur Content:** 0
**Ash Content:** 0.02
**Throughput:** 1528 Million Cubic Feet
**Material:** Natural Gas

**Stack:** 906
**Description:** BOILER 6
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| NH3 | EPA Emission Factor | 0.49 | 0 | 0.3744 |
| VOC | EPA Emission Factor | 5.50 | 0 | 4.2020 |
| PM10-FIL | EPA Emission Factor | 1.90 | 0 | 1.4516 |
| NOX | State/Local Emission Factor | 50 | 0 | 38.20 |
| CO | EPA Emission Factor | 84 | 0 | 64.1760 |
| PM25-FIL | EPA Emission Factor | 1.90 | 0 | 1.4516 |
| PM-CON | EPA Emission Factor | 5.70 | 0 | 4.3548 |
| 7439921 | EPA Emission Factor | 0.0005 | 0 | 0.0004 |
| SO2 | EPA Emission Factor | 0.60 | 0 | 0.4584 |

**Process ID: 73** **Description:** BOILER #7 - NATURAL GAS

**SCC:** 10200602
Industrial
Natural Gas
10-100 Million Btu/hr

**Heat Content:** 1
**Sulfur Content:** 0
**Ash Content:** 0.02
**Throughput:** 0 Million Cubic Feet
**Material:** Natural Gas

**Stack:** 907
**Description:** BOILER 7
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| NH3 | EPA Emission Factor | 3.20 | 0 | 0 |
| VOC | EPA Emission Factor | 5.50 | 0 | 0 |
| NOX | EPA Emission Factor | 100 | 0 | 0 |
| PM25-FIL | EPA Emission Factor | 1.90 | 0 | 0 |
| SO2 | EPA Emission Factor | 0.60 | 0 | 0 |
| PM10-FIL | EPA Emission Factor | 1.90 | 0 | 0 |
| PM-CON | EPA Emission Factor | 5.70 | 0 | 0 |
| CO | EPA Emission Factor | 84 | 0 | 0 |
| 7439921 | EPA Emission Factor | 0.0005 | 0 | 0 |

**Group ID:** 009 **Group Description:** STEAM PLANT OPERATIONS

**Percent Quarterly Throughput**

**Winter:** 25 **Spring:** 26 **Summer:** 25 **Fall:** 24

**Days Per Week:** 7 **Weeks Per Year:** 51 **Hours Per Day:** 24 **Hours Per Year:** 8568

**Process ID: 74** **Description:** BOILER #6 - WOOD(BOT'LS)

**SCC:** 39000989
In-process Fuel Use
Wood
General

**Heat Content:** 1
**Sulfur Content:** 0.10
**Ash Content:** 10
**Throughput:** 0 Tons
**Material:** Wood

**Stack:** 906
**Description:** BOILER 6
**Stack Type:** Fugitive
**Height:** 0
**Diameter:** 0
**Temperature:** 0
**Velocity:** 0
**Gas Flow:** 0
**Input/Output/:** Process Material Used (Input)

| Pollutant | Estimation Method | Factor | Overall Control Effciency | Emission (Tons) |
|---|---|---|---|---|
| NOX | EPA Emission Factor | 0.68 | 0 | 0 |
| CO | State/Local Emission Factor | 0.50 | 0 | 0 |
| VOC | EPA Emission Factor | 1.40 | 0 | 0 |
| SO2 | EPA Emission Factor | 0.15 | 0 | 0 |
| PM10-FIL | State/Local Emission Factor | 0.01 | 98.19 | 0 |
| PM25-FIL | State/Local Emission Factor | 0.01 | 98.19 | 0 |