

INVENTORIES

AI ID: 2093 - Bradken Inc
Activity Number: PER20110004
Permit Number: 2840-00032-V5
Air - Title V Regular Permit Renewal

Subject Item Inventory:

| ID | Description | Tank Volume | Max. Operating Rate | Normal Operating Rate | Contents | Operating Time |
|----------------------------|--|-------------|---------------------|-----------------------|--------------------------|----------------|
| Bradken-Amite, Inc. | | | | | | |
| ARE 0001 | EG-01 - Metal Melting and Refining | | 54600 tons/yr | 13.33 tons/hr | Metal processed | 4095 hr/yr |
| ARE 0002 | EG-03 - Core and Mold Making | | 114660 tons/yr | 18.38 tons/hr | Sand in Core/Mold making | 6240 hr/yr |
| ARE 0003 | EG-04 - Metal Pouring and Cooling | | 46847.24 tons/yr | 5.35 tons/hr | metal poured | 8760 hr/yr |
| ARE 0004 | EG-05 - Casting Cleaning (Shot Blast) | | 46847.24 tons/yr | 8.34 tons/hr | Metal processed | 5616 hr/yr |
| ARE 0005 | EU-02 - Various Metal Painting | | 2.5 tons/yr | .57 lb/hr | paints and solvents | 8760 hr/yr |
| EQT 0001 | EG-02 - Fresh Sand Handling and Blended Sand Silos | | 11466 tons/yr | 1.84 tons/hr | Fresh Sand | 6240 hr/yr |
| EQT 0002 | EG-06 - Preheat/Heat Transfer Ovens | | 332668.79 MM BTU/yr | 37.98 MM BTU/hr | | 8760 hr/yr |
| EQT 0003 | EG-07 - Reclaim Sand System | | 103194 tons/yr | 18.38 tons/hr | Reclaimed Sand | 5616 hr/yr |
| EQT 0004 | EU-01 - Casting Shakeout | | 46847.24 tons/yr | 8.34 tons/hr | Metal Processed | 5616 hr/yr |

Stack Information:

| ID | Description | Velocity (ft/sec) | Flow Rate (cubic ft/min-actual) | Diameter (feet) | Discharge Area (square feet) | Height (feet) | Temperature (oF) |
|----------------------------|--|-------------------|---------------------------------|-----------------|------------------------------|---------------|------------------|
| Bradken-Amite, Inc. | | | | | | | |
| ARE 0001 | EG-01 - Metal Melting and Refining | 53.05 | 90000 | 6 | | 20 | 200 |
| ARE 0002 | EG-03 - Core and Mold Making | 3.8 | 1600 | 3 | | 68 | 75 |
| ARE 0003 | EG-04 - Metal Pouring and Cooling | 3.8 | 1600 | 3 | | 68 | 75 |
| ARE 0004 | EG-05 - Casting Cleaning (Shot Blast) | 55.56 | 30000 | 3.39 | 9 | 58 | 77 |
| ARE 0005 | EU-02 - Various Metal Painting | 1.18 | 500 | 3 | 7.07 | 20 | 77 |
| EQT 0001 | EG-02 - Fresh Sand Handling and Blended Sand Silos | 66.67 | 4000 | 1.13 | 1 | 68 | 77 |
| EQT 0002 | EG-06 - Preheat/Heat Transfer Ovens | 3.77 | 1600 | 3 | | 58 | 250 |
| EQT 0003 | EG-07 - Reclaim Sand System | 68.3 | 206000 | 3.1 | 50.27 | 20 | 77 |
| EQT 0004 | EU-01 - Casting Shakeout | 68.3 | 206000 | 3.1 | 50.27 | 20 | 77 |

Relationships:

Subject Item Groups:

| ID | Group Type | Group Description |
|----------|-----------------------|---------------------------------------|
| UNF 0001 | Unit or Facility Wide | Entire Facility - Bradken-Amite, Inc. |

Group Membership:

NOTE: The UNF group relationship is not printed in this table. Every subject item is a member of the UNF group

Annual Maintenance Fee:

INVENTORIES

AI ID: 2093 - Bradken Inc

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Permit Number: 2840-00032-V5

Air - Title V Regular Permit Renewal

| Fee Number | Air Contaminant Source | Multiplier | Units Of Measure |
|-------------------|---|-------------------|-------------------------|
| 0880 | 0880 Gray Iron and Steel Foundries A) 3,500 or More Ton/Yr Production | | |

SIC Codes:

| | | |
|------|----------------------|---------|
| 3325 | Steel foundries, nec | AI 2093 |
| 3325 | Steel foundries, nec | UNF 001 |