

**Operation and Maintenance Plan  
Baghouse for Drum Mix Asphalt Plant  
EU 004  
Overstreet Paving, Inc.\*  
  
FDEP ID: 1010028**

(\* fka Overstreet Paving Company)

**Facility Location**

Overstreet Paving, Inc.  
17728 U.S. Highway 41, Spring Hill, FL 34610

**Company Contacts**

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Location (Corporate Office):  
Phone: (727) 461-7843 or (352) 796-1631 Cell: (727) 224-0832

**Facility Description**

Parallel flow drum mix asphalt plant equipped with a Gencor Industries, Inc. (Gencor), dryer/mixing drum and burner. Particulate matter (PM) emissions from the drum mix asphalt plant are controlled by a Gencor, Stationary Ultraflo Baghouse, Model No. CFS151. The baghouse works on a vacuum to equal pressure basis. Bags are cleaned by closing chamber which equalizes pressure on bags. (Note: This is not a pulse jet baghouse.)

**Control Equipment Design and Descriptive Data**

1. Manufacturer: Gencor Industries, Inc.
2. Model Name and Number: Stationary Ultraflo Baghouse, Model No. CFS151
3. Type of Control Equipment: Baghouse, Stationary
4. Flow Rating: 74,092 acfm
5. Total Cloth Area: 15,059 sq. ft.
6. Number of Bags: 872
7. Number of Rows: 32
8. Number of Rotors: 4
9. Chambers per Rotor: 16
10. Rotor Diameter: 34.375 inches

**Control Equipment Design and Descriptive Data (continued)**

11. Fan Model: 490BCS (Class 26)
12. Fan HP: 250 (2 motors @ 125 HP)
13. Fan RPM: 1,729

**Performance Parameters**

1. Bag Pressure Drop: "Normal": 3"wc to 6"wc (these are not absolute min./max. limits).
2. Air-to-Cloth ratio: 4.92
3. Bag fabric temperature capability: 400°F
4. Bag cleaning conditions: "Typical": start approx. 5.5"wc; end approx. 4.5"wc (these are not absolute min./max. limits).

**Records**

Records of inspections, maintenance and performance data of control devices and auxiliary equipment shall be retained by the facility for a minimum of two years and shall be made available to the FDEP upon request. Checklists for daily, weekly, monthly and yearly checks are attached.

# Overstreet Paving, Inc.

## DRUM MIX ASPHALT PLANT - BAGHOUSE INSPECTION CHECKLISTS

17728 U.S. Highway 41, Spring Hill, FL 34610

**Daily and Weekly Baghouse**

**Week ending, Saturday (date):** \_\_\_\_\_

**O & M Inspection Checks:**

**Inspectors: Initial Each Inspection Done**

|   | Mon. | Tues. | Wed. | Thurs. | Fri. | Sat. |
|---|------|-------|------|--------|------|------|
| <b>Check once a DAY:</b>                            |      |       |      |        |      |      |
| Check dust for distillates in augers                |      |       |      |        |      |      |
| Check safety shutdown for operation                 |      |       |      |        |      |      |
| Check and record baghouse pressure drop             |      |       |      |        |      |      |
| Check magnahelic lines for moisture                 |      |       |      |        |      |      |
| Check magnahelic readings for plugged bags          |      |       |      |        |      |      |
| Check and maintain the 4 baghouse rotors            |      |       |      |        |      |      |
| Check oil level in dust blower                      |      |       |      |        |      |      |
| Check dust system for leaks                         |      |       |      |        |      |      |
| Check baghouse exhaust visually for emissions       |      |       |      |        |      |      |
| Check all indicators on control panel               |      |       |      |        |      |      |
|   |      |       |      |        |      |      |
|   |      |       |      |        |      |      |
|   |      |       |      |        |      |      |
|   |      |       |      |        |      |      |
| <b>Check once a WEEK:</b>                           |      |       |      |        |      |      |
| Check top doors (inside) for distillates            |      |       |      |        |      |      |
| Check temperature meters for operation              |      |       |      |        |      |      |
| Check thermocouples for buildup                     |      |       |      |        |      |      |
| Check exhaust fan belts & chains for wear & tension |      |       |      |        |      |      |
| Check all bearings and grease as needed             |      |       |      |        |      |      |
| Check bag tension inside bag collectors             |      |       |      |        |      |      |
|   |      |       |      |        |      |      |
|   |      |       |      |        |      |      |
|   |      |       |      |        |      |      |
|   |      |       |      |        |      |      |

**Description of Maintenance Performed, Date and Comments (Attached additional sheets as needed)**

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**Inspectors: Print Your Name Below and Sign Your Initials Beside Your Printed Name**

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# Overstreet Paving, Inc.

## DRUM MIX ASPHALT PLANT - BAGHOUSE INSPECTION CHECKLISTS

17728 U.S. Highway 41, Spring Hill, FL 34610

Monthly and Annual Baghouse  
O & M Inspection Checks:

Year: \_\_\_\_\_

Inspectors: Initial Each Inspection Done

|  | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|--|------|------|------|------|-----|------|------|------|-------|------|------|------|
| <b>Check once a MONTH:</b>                 |      |      |      |      |     |      |      |      |       |      |      |      |
| Check fan & air ducts for corrosion        |      |      |      |      |     |      |      |      |       |      |      |      |
| Check bag seals                            |      |      |      |      |     |      |      |      |       |      |      |      |
| Check bags for holes                       |      |      |      |      |     |      |      |      |       |      |      |      |
| Check augers for wear                      |      |      |      |      |     |      |      |      |       |      |      |      |
| Check bags for blinding                    |      |      |      |      |     |      |      |      |       |      |      |      |
| Check baghouse for deterioration           |      |      |      |      |     |      |      |      |       |      |      |      |
| Check seals on baghouse system             |      |      |      |      |     |      |      |      |       |      |      |      |
| Check duct work for dust buildup           |      |      |      |      |     |      |      |      |       |      |      |      |
| Check cleaning mechanism moving parts      |      |      |      |      |     |      |      |      |       |      |      |      |
| Check accuracy of all indicating equipment |      |      |      |      |     |      |      |      |       |      |      |      |
| Check damper valves for proper seating     |      |      |      |      |     |      |      |      |       |      |      |      |
| Check gaskets on all doors                 |      |      |      |      |     |      |      |      |       |      |      |      |
|  |      |      |      |      |     |      |      |      |       |      |      |      |
|  |      |      |      |      |     |      |      |      |       |      |      |      |
|  |      |      |      |      |     |      |      |      |       |      |      |      |
| <b>Check once a YEAR:</b>                  |      |      |      |      |     |      |      |      |       |      |      |      |
| Check all bolts                            |      |      |      |      |     |      |      |      |       |      |      |      |
| Check welds                                |      |      |      |      |     |      |      |      |       |      |      |      |
| Check airlock rotor for wear               |      |      |      |      |     |      |      |      |       |      |      |      |
|  |      |      |      |      |     |      |      |      |       |      |      |      |

**Description of Maintenance Performed, Date and Comments (Attached additional sheets as needed)**

**Inspectors: Print Your Name Below and Sign Your Initials Beside Your Printed Name**