

**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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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.
Check once a DAY:						
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						
Check once a WEEK:						
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)

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