



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

September 5, 1977

Paul D. Hesse, C.F.E.
Deputy Appraiser
Osceola County Tangible Personal Property Department
Post Office Box 423427
Kissimmee, Florida 34742-3427

Re: Orlando Paving Company - Certification of Pollution Control Equipment
Osceola County Asphalt Plant

Dear Mr. Hesse:

The Department of Environmental Protection has reviewed material attached to your letter of August 29, 1997, from Orlando Paving Company. The submitted test report is insufficient to establish the listing of equipment eligible to be considered as pollution control equipment pursuant to s. 193.621, F.S. In my professional opinion, Orlando Paving Company does have an air pollution control device called a baghouse at the Osceola County site. The particulate control system at that plant would be eligible under chapter 193, Florida Statutes. Orlando Paving should be instructed to have a registered engineer prepare a list of the equipment included in the air pollution control system, have the engineer certify that the equipment is primarily for the purpose of pollution control, and have the engineer or some other person tell your office the value of the equipment on the list.

If you have any questions concerning this matter, I can be reached on (850) 487-0472 or SUNCOM 277-0472. Also, Mr. Garry Kuberski of our Central District Office could answer any questions on the eligibility of the air pollution control system at the Osceola Plant. Mr. Kuberski may be contacted at (407) 894-7555.

Sincerely,

Hamilton S. Oven

Hamilton S. Oven, P.E.

cc: Garry Kuberski



ROBERT M. DAY
PROPERTY APPRAISER, C.F.A.
TANGIBLE PERSONAL PROPERTY DEPARTMENT
OSCEOLA COUNTY
P.O. BOX 423427 • OFFICE COMPLEX
KISSIMMEE, FLORIDA 34742-3427



407/847-1392
Fax: 407/847-1364

DEPARTMENT OF
ENVIRONMENTAL PROTECTION

SEP 12 1997

SITING COORDINATION

August 29, 1997

Department of Environmental Protection
Attn: Hamilton S. Oven P.E.
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee FL 32399 2400

Dear Mr. Hamilton,

Orlando Paving Company has requested that we grant them an exemption on their pollution control equipment. Enclosed is the information they have submitted to our office. Please review this material to see if they qualify for the exemption.

Should you need any further information, please do not hesitate to contact our office.

Sincerely,

Paul D. Hesse CFE
Deputy Appraiser
Personal Property



Orlando Paving Company

P.O. Box 547186 ■ Orlando, FL 32854-7186

August 25, 1997

REGINALD H. STERNS III

Vice President

Clark & Vaught Property Tax Management, Inc.
5405 Diplomat Circle, Suite 230
Orlando, Florida 32810

ATTN: Mr. Al Clark

SUBJECT: Osceola County Asphalt Plant
Pollution Control Equipment

Dear Mr. Clark:

Please find attached copies of an environmental test performed earlier this year by a consultant. This test was a requirement of our EPA permit. The information discusses the test and confirms the presence of environmental equipment.

Please give me a call should you require anything further.

Sincerely,

ORLANDO PAVING COMPANY


Reginald H. Sterns, III
Vice-President

cc: Chrono File
Plant 7 File
Kris Morell

**Air Compliance Test Report
for
Particulate and Visible Emissions
Orlando Paving Company (Osceola County)
Drum Mix Asphalt Plant with Baghouse
FDEP Permit No. 7770013-001-AO
Tested: March 6, 1997**

**Prepared For:
Orlando Paving Company
P.O. Box 547186
Orlando, Florida 32854-7186**

**Prepared By:
Bottorf & Associates, Inc.
6729 Edgewater Commerce Parkway
Orlando, Florida 32810-4278
Phone: (407) 298-0846**



Introduction

On March 6, 1997, Particulate and Visible Emission Tests were conducted on the permitted Drum Mix Asphalt Plant which is operated by Orlando Paving Co., Division of Hubbard Construction Co. The test was performed using EPA Test Method No. 1, 2, 4, 5 and 9. The Allowable Particulate and Visible emissions were determined by the New Source Performance Standard for Asphalt Concrete Plant contained in 40CFR60.92. Output process weight and process variables were provided by plant personnel.

The test results show that this source is in compliance for Particulate and Visible Emissions. A summary of the results are as follows:

	<u>Run No. 1</u>	<u>Run No. 2</u>	<u>Run No. 3</u>	<u>Average</u>
Output Process Rate (tons/hour)	$O_1 = 140$	$O_2 = 145$	$O_3 = 145$	$O_{avg} = 143.33$
Percent Recycle in Mix	$R_{r1} = 40$	$R_{r2} = 40$	$R_{r3} = 40$	$Rr_{avg} = 40$
Used #5 Fuel Oil Consumption (gallons/hr)	$F_{r1} = 254.8$	$F_{r2} = 263.9$	$F_{r3} = 263.9$	$Fr_{avg} = 260.87$
Baghouse Pressure Drop (inches of H ₂ O)	$P_{d1} = 1$	$P_{d2} = 1$	$P_{d3} = 1$	$Pd_{avg} = 1$
Particulate Emissions Concentration (gr/dscf)	$c_{g1} = 0.0352$	$c_{g2} = 0.0301$	$c_{g3} = 0.0401$	$cs_{avg} = 0.0351$
Allowable Emissions Concentration (gr/dscf)	$c_{r1} = 0.04$	$c_{r2} = 0.04$	$c_{r3} = 0.04$	$A_{avg} = 0.04$
Particulate Emission Rate (pounds/hour)	$P_{mr1} = 7.01$	$P_{mr2} = 6.27$	$P_{mr3} = 7.61$	$Pmr_{avg} = 6.96$
Isokinetic Sampling Rate (%)	$I_1 = 100.94$	$I_2 = 100.48$	$I_3 = 103.54$	$I_{avg} = 101.65$
Average Visible Emissions (% opacity)	$VE_1 = 0$			$VE_{avg} = 0$
Average Allowable Visible Emissions (% opacity)	$VA_1 = 20$			$VA_{avg} = 20$

The test, analysis of samples, and all other procedures were performed in a professional manner and, are in accordance with the official procedures outlined in 40 C.F.R. Chapter I, Part 60, Appendix A and Chapter 62-297, F.A.C., of the State of Florida Department of Environmental Protection Rules.

General Information

Facility Name: Orlando Paving Company

Facility Address: Tri-County Road No. 1, Osceola County, Florida

Type of Facility: Used Oil Fired Drum Mix Asphalt Plant

Type of Pollution Control Device: Baghouse

Permit Number: 7770013-001-AO

Date of Test: March 6, 1997

Persons Conducting Test: Roger T. Caldwell, Test Equipment Operator
Ron Smith, Sampling Technician
Evelyn J. Bottorf, Sample Analysis
Roger T. Caldwell, Report Preparation
Paul C. Lippert, Visible Emissions Observer

Plant Personnel Involved: Paul Kimbro, Plant Operator

Agency Observer Involved: Garry Kuberski, FDEP, Central District

Test Methods Used: EPA Method No. 1, 2, 4, 5, and 9

Test Modifications: Flexible sample line between filter and first impinger.