

STATE OF IDAHO
PERMIT TO CONSTRUCT
AN AIR POLLUTION
EMITTING SOURCE

PERMIT NUMBER

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CLASS

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UTM COORDINATE (km)

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1. PERMITTEE
Poe Asphalt Paving, Inc.

2. PROJECT
Portable Hot-Mix Asphalt Plant

3. MAILING ADDRESS 302 15th Street	CITY Clarkston	STATE Washington	ZIP CODE 99403
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4. SITE LOCATION COUNTY Portable	NO. OF FULL-TIME EMPLOYEES 2	PROPERTY AREA AT SITE (Acreage) Varies
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5. PERSON TO CONTACT Mr. Ron Dammon	TITLE Manager	TELEPHONE (509) 758-5561
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6. EXACT PLANT LOCATION
Portable

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS
Hot-Mix Asphalt Production

8. GENERAL CONDITIONS

This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, Section 16.01.01.200, and pertains only to emissions of air contaminants that are regulated by the State of Idaho and to the sources specifically allowed to be constructed by this permit.

This permit (a) does not affect the title of the premises upon which the equipment is to be located, (b) does not release the permittee from any liability for any loss due to damage to person or property caused by, resulting from, or arising out of the design, installation, maintenance, or operation of the proposed equipment, (c) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances, (d) in no manner implies or suggests that the Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) or its officers, agents, or employees, assumes any liability, directly or indirectly, for any loss due to damage to person or property caused by, resulting from, or arising out of design, installation, maintenance, or operation of the proposed equipment.

This permit is not transferable to another person, place, piece or set of equipment. This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment that result in any change in the nature or amount of emissions must be approved in advance by the DEQ unless exempted by the *Rules for the Control of Air Pollution in Idaho* Sections 220 through 225.

Deville D. Green

ASSISTANT ADMINISTRATOR
DIVISION OF ENVIRONMENTAL QUALITY

DATE: July 1, 1998

PERMIT TO CONSTRUCT

PERMITTEE, PROJECT, AND LOCATION

Poe Asphalt Paving, Inc.
Hot-Mix Asphalt Plant
Portable

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SOURCE

Portable Hot-Mix Asphalt

1. EMISSION LIMITS

1.1 Asphalt Dryer Emission Limits

Particulate matter (PM) emissions from the hot-mix asphalt dryer stack shall not exceed 0.04 grains per dry standard cubic foot (gr/dscf), nor shall PM emissions from the hot-mix asphalt dryer stack exceed any corresponding emission rate limit listed in Appendix A of this permit.

1.2 Other Particulate Matter Emission Limits

Gases from systems for screening, handling, storing, and weighing hot aggregate, which emanate from a stack, vent, or other functionally equivalent opening, shall not contain PM emissions in excess of 0.04 gr/dscf.

1.3 Opacity Limit

Emissions emanating from any stack, vent, or other functionally equivalent opening, shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60)-minute period as required in IDAPA 16.01.01.625 (*Rules for the Control of Air Pollution in Idaho*). Opacity shall be determined using the procedures contained in DEQ's "Procedure Manual for Air Pollution Control."

1.4 Visible Emission Limits at Property Boundary

Fugitive emissions shall not be observed leaving the property boundary for a period or periods aggregating more than three (3) minutes in any sixty (60)-minute period. Visible emissions shall be determined by Method 22, 40 CFR Part 60, Appendix A, or a DEQ-approved alternative method.

2. OPERATING REQUIREMENTS

2.1 Attainment or Unclassifiable Area Throughput Limits

The production rate of the hot-mix asphalt plant shall not exceed a maximum of one million, seven hundred fifty-two thousand tons per consecutive 12-month period (1,752,000 T/yr) when operating in any attainment or unclassifiable area.

2.2 Nonattainment Area Throughput Limits

The production rate of the hot-mix asphalt plant shall not exceed a maximum of two thousand, three hundred nineteen tons per day (2,319 T/day) when operating in any PM-10 nonattainment area or proposed PM-10 nonattainment area.

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2.3 Dryer Burner Fuel Limits

The burner fuel shall be either Grade 1 fuel oil, Grade 2 fuel oil, natural gas, or propane gas only.

2.4 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent particulate matter from becoming airborne as required in IDAPA 16.01.01.651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust emitting operations to human habitations and/or activities and atmospheric conditions which might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:

- 2.4.1 Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands;
- 2.4.2 Application, where practical, of asphalt, oil, water or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces which can create dust;
- 2.4.3 Installation and use, where practical, of hoods, fans and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations;
- 2.4.4 Covering, where practical, of open bodied trucks transporting materials likely to give rise to airborne dusts;
- 2.4.5 Paving of roadways and their maintenance in a clean condition, where practical; or
- 2.4.6 Prompt removal of earth or other stored material from streets, where practical.

2.5 Air Stagnation Advisory Days

No operation of the hot-mix asphalt plant shall occur during days of Air Stagnation Advisory.

2.6 Monitoring Equipment

The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer's specifications, equipment to continuously measure the pressure differential across the air pollution control equipment and the scrubbing media flowrate to the air pollution control equipment. A scrubbing media flowrate

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monitor is required only if a wet scrubber is used to control some or all of the emissions from the hot-mix asphalt plant.

2.7 Operations and Maintenance Manual Requirements

Within sixty (60) days of the issuance of this permit, the permittee shall have developed an Operations and Maintenance (O&M) Manual for the air pollution control device which describes the procedures that will be followed to comply with General Provision B and the air pollution control device requirements contained in this permit. The manual shall remain on-site at all times and shall be available to DEQ representatives upon request.

2.8 Pressure Drop Across Air Pollution Control Device

The pressure drop across the air pollution control device shall be maintained within the manufacturer's and O&M Manual's specifications. Documentation of both the manufacturer's and O&M Manual's operating pressure drop specifications shall remain on-site at all times and shall be available to DEQ representatives upon request.

2.9 Scrubbing Media Flowrate

This section applies only if a wet scrubber is used to control some or all emissions from the hot-mix asphalt plant.

The scrubbing media flowrate to the air pollution control device shall be maintained within manufacturer's and O&M Manual's specifications. Documentation of the manufacturer's and O&M Manual's operating scrubbing media specifications shall remain on-site at all times and shall be available to DEQ representatives upon request.

2.10 Collocation

This facility shall not collocate with any other facility or portable source without complying with IDAPA 16.01.01.200 (*Rules for Control of Air Pollution in Idaho*).

3. MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 Operating Parameters

The permittee shall monitor and record the hot-mix asphalt production in tons per day (T/day). The most recent two (2) years' compilation of this information shall be kept on-site, in a log, and be available to DEQ representatives upon request.

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3.2 Air Pollution Control Equipment

The following parameters shall be monitored and recorded once on a daily basis. The most recent two (2) years' compilation of data shall be kept on-site, in a log, and be available to DEQ representatives upon request.

3.2.1 Pressure drop across the air pollution control device.

3.2.2 The scrubbing media flowrate to the air pollution control equipment when a wet scrubber is utilized.

3.3 Reasonable Control Measures

The permittee shall monitor and record in a log, during operation, the periodic method(s) used to reasonably control emissions from this facility. The log shall include the type of control used (i.e., water, environmentally safe chemical dust suppressants, etc.), as well as the circumstances under which no controls are used. The most recent two (2) years' compilation of data shall be kept on-site and be available to DEQ representatives upon request.

3.4 Initial Performance Test

The permittee shall conduct a performance test to measure the PM emissions from the hot-mix asphalt plant exhaust stack, in accordance with 40 CFR 60.93 and in accordance with General Provision F of this permit. Visible emissions from the hot-mix asphalt plant exhaust stack shall also be observed during this test using the methods specified in DEQ's "Procedures Manual for Air Pollution Control." In addition, the process data specified in the approved test protocol shall be monitored and recorded during the test period.

4. REPORTING REQUIREMENTS

4.1 Relocation

At least ten (10) days prior to relocation of any equipment covered by this permit, the permittee shall report to DEQ, on relocation forms supplied by DEQ, the following information:

4.1.1 Exact location of the new site of operations;

4.1.2 Start-up date at the new site of operations and the duration of operations at the new site;

4.1.3 Equipment to be used at the new location; and

4.1.4 A scaled plot plan clearly showing the property boundary of the new site.

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4.2 Certification of Documents

All documents, including, but not limited to, application forms for Permits to Construct, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certifications submitted to the DEQ shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

4.3 Performance Test Protocol

The permittee shall submit a performance test protocol to the DEQ for approval at least thirty (30) days prior to the test date.

4.4 Performance Test Report

The permittee shall submit a written report of the hot-mix asphalt plant performance test results, including all required process data, to the DEQ within thirty (30) days after the date on which the performance test is concluded.

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APPENDIX A

Portable Hot-Mix Asphalt Facility

Hourly (lb/hr) Emission Limits^a

SOURCE DESCRIPTION	PM
	lb/hr
Dryer Stack	4.9

- a. As determined by a pollutant-specific U.S. EPA reference method, DEQ-approved alternative, or as determined by the DEQ's emission estimation methods used in the permit application analysis.

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PERMIT TO CONSTRUCT GENERAL PROVISIONS

- A. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the *Rules for the Control of Air Pollution in Idaho*. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code 39-101, et.seq.
- B. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.
- C. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
1. To enter at reasonable times upon the premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
 2. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack emission testing in conformance with the DEQ's *Procedures Manual for Air Pollution Control* when deemed appropriate by the Director.
- D. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- E. The permittee shall notify the DEQ, in writing, of the required information for the following events within five (5) working days after occurrence:
1. Initiation of Construction - Date
 2. Completion/Cessation of Construction - Date
 3. Actual Production Start-up - Date
 4. Initial Date of Achieving Maximum Production Rate - Production Rate and Date
- F. If emission testing is specified, the permittee must schedule such testing within sixty (60) days after achieving the maximum production rate, but not later than one hundred and eighty (180) days after initial start-up. Such testing must strictly adhere to the procedures outlined in the DEQ's *Procedures Manual for Air Pollution Control*, and shall not be conducted on weekends or state holidays without prior written DEQ approval. Testing procedures and specific time limitations may be modified by the DEQ by prior negotiation if conditions warrant adjustment. The DEQ shall be notified at least fifteen (15) days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the DEQ upon request.
- The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during any performance test period, for which a test protocol has been granted prior approval by the DEQ, unless (1) the test demonstrates noncompliance, (2) a more restrictive operating limit is specified elsewhere in this permit, or (3) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.
- G. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

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Mr. Randy Norell
July 1, 1998
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Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street, Tenth Floor, Boise, Idaho 83720-5450, within thirty-five (35) days of the date of this decision. However, DEQ encourages you to contact the Air Quality Permitting Bureau to address any concerns you may have with the enclosed permit prior to filing a petition for a contested case.

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Susan J. Richards, Chief, Air Quality Permitting Bureau, at (208) 373-0502.

Sincerely,



Orville D. Green
Assistant Administrator
Air and Hazardous Waste

ODG/KH/ms

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Enclosures

cc: P. Rayne, AFS	Coeur d'Alene RO
R. Wilkosz, TSB	Lewiston RO
EPA, IOO	Boise RO
Permit File Manual	Twin Falls RO
Source File (777-00222)	Pocatello RO
COF	Idaho Falls RO



IDAHO DEPARTMENT
OF HEALTH AND WELFARE
DIVISION OF
ENVIRONMENTAL QUALITY

1410 North Hilton, Boise, ID 83706-1255, (208) 373-0502

Philip E. Batt, Governor

July 1, 1998

CERTIFIED MAIL # P 326 991 266

Mr. Randy Norell
Spidell and Associates
2403 Spaulding
Boise, Idaho 83705

RE: 980064, Poe Asphalt Paving, Inc., Portable
(Portable Hot-Mix Asphalt Plant, PTC #777-00222)

Dear Mr. Norell:

On May 26, 1998, the Idaho Department of Health and Welfare, Division of Environmental Quality (DEQ) received a Permit to Construct (PTC) application from Spidell and Associates on behalf of Poe Asphalt Paving, Inc. (Poe) for a portable hot-mix asphalt facility. The facility is to be initially located at Grangeville, Idaho. Based on review of the application and all applicable state and federal rules and regulations, DEQ finds that this project meets the provisions of IDAPA 16.01.01.200 (*Rules for the Control of Air Pollution in Idaho*). Enclosed is PTC No. 777-00222 for the portable hot-mix asphalt plant.

Enclosed is a copy of the portable equipment relocation form that is required to be completed and submitted to DEQ at least ten (10) days prior to relocation of any equipment covered by this permit. Also enclosed are copies of maps showing all nonattainment areas within the state of Idaho.

This permit does not release the permittee from compliance with all other applicable federal, state, local, or tribal laws, regulations, or ordinances including applicable requirements due to collocation of portable facilities.

Please pay particular attention to the reporting requirements contained in Paragraph E of the General Provisions section of the permit. This information is needed to properly track the progress of the permit. Please refer to the appropriate permit number when submitting reports required in the Reporting Requirements section of the permit.

You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case