



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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

Dirk Kempthorne, Governor  
C. Stephen Allred, Director

**CERTIFIED MAIL # 7000 1530 0005 5348 6568**

March 22, 2002

Mr. Alan Smith, Owner  
ASM  
P.O. Box 875  
Soda Springs, ID 83276

RE: P-010311, ASM, Portable  
(Portable Hot-mix Asphalt Plant, Permit to Construct No. 777-00299)

Dear Mr. Smith:

On July 16, 2001, the Idaho Department of Environmental Quality (Department) received ASM's permit to construct (PTC) application for a portable hot-mix asphalt facility. Based on review of the application and all applicable state and federal rules and regulations, the Department finds that this project meets the provisions of IDAPA 58.01.01.200 (*Rules for the Control of Air Pollution in Idaho*).

Enclosed is PTC No. 777-00299 for the portable hot-mix asphalt plant and a copy of the Portable Equipment Registration and Relocation Form. This form must be submitted to the Department at least 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 ASM from compliance with all other applicable federal, state, local, or tribal laws, regulations, and ordinances. With regard to collocation with another portable facility, conservative assumptions were used to derive the throughput limitations. If the throughput is too restrictive for a particular project, contact the Department prior to collocation and request a detailed, site-specific analysis.

Please pay particular attention to the reporting requirements contained in Paragraph 5 of the General Provisions. This information is needed to properly track the progress of the permit. Refer to the appropriate permit number when submitting the required reports.

Rick Elkins of the Pocatello Regional Office will contact you regarding a meeting with the Department to discuss the permit terms and requirements. In addition to your facility's plant manager, the Department recommends that the following representatives of your firm also attend this meeting: your responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

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You, as well as any other entity, have the right to appeal this final agency action pursuant to IDAPA 58.01.23 (*Rules of Administrative Procedure Before the Board of Environmental Quality*). A petition may be filed with the Hearings Coordinator, Department of Environmental Quality, 1410 N. Hilton, Boise, ID 83706-1255 within 35 days of the date of this decision. However, prior to filing a petition for a contested case, the Department encourages you to contact the Air Quality Permit Program to address any concerns you may have with the enclosed permit.

If you have any question, please call Dan Salgado at (208) 373-0431.

Sincerely,



Katherine B. Kelly  
Administrator  
Air Quality Division

RA/KB/bh P I D G:\AIR PERMITS\PT CVASMDRAFTVP-010311 LETTER

Enclosures

cc: Kent Berry, EQM  
Rick Elkins, Pocatello Regional Office  
Laurie Kral, EPA Region 10

DC



**Air Quality  
PERMIT TO CONSTRUCT**

State of Idaho  
Department of Environmental Quality

PERMIT NO.: 777-00299

AQCR: XX

CLASS: XXX

SIC: 3273

ZONE: XX

UTM COORDINATE (km): XXX.X, XXXX.X

**1. PERMITTEE**

ASM

**2. PROJECT**

Portable Hot-mix Asphalt Facility

**3. MAILING ADDRESS**

P.O. Box 875

**CITY**

Soda Springs

**STATE**

ID

**ZIP**

83276

**4. FACILITY CONTACT**

Alan Smith

**TITLE**

Owner

**TELEPHONE**

(208) 547-4180

**5. RESPONSIBLE OFFICIAL**

Alan Smith

**TITLE**

Owner

**TELEPHONE**

(208) 547-4180

**6. EXACT PLANT LOCATION**

Portable

**COUNTY**

**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**

Hot-mix asphalt production

**8. GENERAL CONDITIONS**

This permit is issued according to IDAPA 58.01.01.200 (*Rules for the Control of Air Pollution in Idaho*), and pertains only to the emission of air contaminants 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 Environmental Quality (Department) 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, or 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 may require Department approval pursuant to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.200, et seq.

KATHERINE B. KELLY, ADMINISTRATOR, AIR QUALITY DIVISION  
DEPARTMENT OF ENVIRONMENTAL QUALITY

Date Issued: March 22, 2002

Permittee: ASM  
Location: PORTABLE

Date Issued: March 22, 2002

SOURCE: HOT-MIX ASPHALT PLANT

1. STATEWIDE REQUIREMENTS

The permittee shall comply with the following conditions when the hot-mix asphalt (HMA) facility is operated anywhere (nonattainment, attainment, or unclassifiable areas) within the state of Idaho.

1.1 EMISSION LIMITS

1.1.1 Asphalt Dryer Emission Limits

Particulate matter (PM) emissions from the HMA dryer stack shall not exceed 0.04 grains per dry standard cubic foot (gr/dscf), nor shall particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM<sub>10</sub>) emissions from the HMA dryer stack exceed the emission rate limit listed in the appendix of this permit.

1.1.2 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.

1.1.3 Opacity Limit

Emissions emanating from any stack, vent, or other functionally equivalent opening, shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required in IDAPA 58.01.01.625. Opacity shall be determined using the procedures contained in IDAPA 58.01.01.625.

1.1.4 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 minutes in any 60-minute period. Visible emissions shall be determined by Method 22, 40 CFR Part 60, Appendix A, or a Department-approved alternative method.

1.2 OPERATING REQUIREMENTS

1.2.1 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent PM from becoming airborne as required in IDAPA 58.01.01.651. 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 that might affect the movement of PM. Some of the reasonable precautions include, but are not limited to, the following:

- 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.
- 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.

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- 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.
- Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- Paving of roadways and their maintenance in a clean condition, where practical.
- Prompt removal of earth or other stored material from streets, where practical.

**1.2.2 Dryer Burner Fuel Limits**

The burner fuel shall be #2 fuel oil only.

**1.2.3 Monitoring Equipment**

The permittee shall install, calibrate, maintain, and operate, in accordance with manufacturer specifications, equipment to continuously measure the pressure differential across the air pollution control equipment and the scrubbing media flow rate to the air pollution control equipment. A scrubbing media flow rate monitor is required only if a wet scrubber is used to control some or all of the emissions from the HMA plant.

**1.2.4 Operations and Maintenance Manual Requirements**

Within 60 days after startup, 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 2 and the air pollution control device requirements contained in this permit. The manual shall remain onsite at all times and shall be made available to Department representatives upon request.

**1.2.5 Pressure Drop Across Air Pollution Control Device**

The pressure drop across the air pollution control device shall be maintained within the manufacturer and O&M Manual specifications. Documentation of both the manufacturer and O&M Manual operating pressure drop specifications shall remain onsite at all times and shall be made available to Department representatives upon request.

**1.3 MONITORING AND RECORDKEEPING REQUIREMENTS**

**1.3.1 Operating Parameters**

The following parameters shall be monitored and recorded. A compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request:

- Pressure drop across the air pollution control device once on a daily basis.
- HMA production in tons per day (T/day) and tons per month (T/mo).

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**1.3.2 Reasonable Control Measures**

The permittee shall monitor and record in a log, during operation, the periodic method(s) used to reasonably control fugitive dust emissions from this facility. The log shall include the type of control used (e.g., water, environmentally safe chemical dust suppressants, etc.), as well as the circumstances under which no controls are used. A compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request.

**1.3.3 Monitor Generator Hours of Operation**

The permittee shall monitor and record the generator's hours of operation on a monthly basis if generator hours of operation are limited in Permit Condition No. 1, 2, or 3. A compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request.

**1.3.4 40 CFR 670.93 Initial Performance Testing Requirements**

The permittee shall conduct a performance test on the HMA facility in accordance with 40 CFR 60.93, IDAPA 58.01.01.157 and General Provision 6 of this permit. The performance test shall be conducted to demonstrate compliance with the applicable PM standards defined in 40 CFR 60.92.

If the HMA facility has previously conducted a performance test in accordance with 40 CFR 60.93 that demonstrates compliance with the applicable standards, then an additional performance test is not required by this permit condition. The permittee shall maintain a copy of the performance test results of the most recently conducted stack test on this asphalt facility. This report shall be made available to Department representatives upon request.

**1.3.5 Opacity and Visible Emissions Testing**

The permittee shall conduct a visual determination of opacity from this HMA facility stack and a visual determination of emissions at the property boundary in accordance with IDAPA 58.01.01.157 and General Provision 6 of this permit.

**1.4. REPORTING REQUIREMENTS**

**1.4.1 Performance Test Protocol**

Prior to conducting any emission test, the permittee is strongly encouraged to submit in writing to the Department, at least 30 days in advance, a performance test protocol in accordance with IDAPA 58.01.01.157.01.a.

**1.4.2 Performance Test Report**

In accordance with IDAPA 58.01.01.157.04, the permittee shall submit a written report of the performance test results to the Department within 30 days of completion of the test.

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**SOURCE HOT-MIX ASPHALT PLANT**

1.4.3 Relocation

All existing portable equipment shall be registered. At least 10 days prior to relocation of any equipment covered by this permit, the permittee shall submit a complete Portable Equipment Registration and Relocation Form (available on the Department website at: [www2.state.id.us/deq/air/](http://www2.state.id.us/deq/air/)) in accordance with IDAPA 58.01.01.500 and a scaled plot plan to:

PERF Processing Unit  
Idaho Department - Air Quality  
1410 N. Hilton  
Boise, ID 83706-1255

1.4.4 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, and compliance certifications submitted to the Department shall contain a certification by a responsible official in accordance with IDAPA 58.01.01.123. 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.

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Location: PORTABLE

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SOURCE: HOT-MIX ASPHALT PLANT

## 2. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN NOT COLLOCATED

The permittee shall comply with Permit Condition No. 1 and the following permit conditions when the HMA facility is operated in any attainment or unclassifiable areas, and when it is not collocated, within the state of Idaho.

### 2.1 OPERATING REQUIREMENTS

#### 2.1.1 Facility Throughput Limits

The production rate of the HMA facility shall not exceed a maximum of 876,000 tons per any consecutive 12-month period when located in any attainment or unclassifiable area.

#### 2.1.2 Collocation Requirements

When the HMA facility is to be collocated with another portable HMA plant, rock-crushing plant, or concrete batch plant; the permittee must comply with the collocation requirements of Permit Condition No. 3.

#### 2.1.3 Generator Hours of Operation

The generator shall not be operated more than 8,760 hours per any consecutive 12-month period when located in any attainment or unclassifiable area.

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**SOURCE: HOT MIX ASPHALT PLANT**

**3. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN COLLOCATED**

The permittee shall comply with Permit Condition No. 1 and the following permit conditions when the HMA facility is to be collocated with another portable HMA plant, rock-crushing plant, or concrete batch plant within the state of Idaho. The HMA facility may only collocate with either one portable rock-crushing plant, one portable concrete batch plant, or one other portable HMA plant that has been permitted to specifically allow collocation.

**3.1 OPERATING REQUIREMENTS**

**3.1.1 Collocation Areas**

The HMA facility may collocate in attainment or unclassifiable areas only. The permittee shall not collocate in a nonattainment area, or proposed nonattainment area, without obtaining a permit that specifically allows for collocation in a nonattainment area.

**3.1.2 Number of Portable Sources**

The HMA facility may only collocate with either one portable rock-crushing plant, one portable concrete batch plant, or one other portable HMA plant that has been permitted to specifically allow collocation.

**3.1.3 Facility Throughput Limits**

The production rate of the HMA facility shall not exceed a maximum of 438,000 tons per any consecutive 12-month period when collocated with another HMA plant, concrete batch plant, or rock-crushing plant.

**3.1.4 Generator Hours of Operation**

The generator shall not be operated more than 4,380 hours per consecutive 12-month period when collocated with another HMA plant, concrete batch plant, or rock-crushing plant.

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SOURCE: HOT MIX ASPHALT PLANT

#### 4. NONATTAINMENT AREA REQUIREMENTS

The permittee shall comply with Permit Condition No. 1 and the following permit conditions when the HMA facility is operated in any PM<sub>10</sub> nonattainment areas within the state of Idaho. While operating the HMA facility under the conditions set forth in Permit Condition 4, the HMA facility may not collocate with any other facility.

##### 4.1 OPERATING REQUIREMENTS

###### 4.1.1 Facility Throughput Limits

The production rate of the HMA facility shall not exceed a maximum of 158,146 tons per any consecutive 12-month period when located in any PM<sub>10</sub> nonattainment area or proposed PM<sub>10</sub> nonattainment area.

###### 4.1.2 Collocation Requirements

The HMA facility shall not be collocated with another portable HMA plant, rock-crushing plant, or concrete batch plant when located in any PM<sub>10</sub> nonattainment area or proposed PM<sub>10</sub> nonattainment area.

###### 4.1.3 Generator Hours of Operation

The generator shall not be operated more than 1,581 hours per any consecutive 12-month period when located in any PM<sub>10</sub> nonattainment area or proposed PM<sub>10</sub> nonattainment area.

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GENERAL PROVISIONS

6. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. 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.
2. 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.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
  - 3.1 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
  - 3.2. 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 IDAPA 58.01.01.157 when deemed appropriate by the Director.
- 4.. 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.
5. The permittee shall notify the Department, in writing, of the required information for the following events within five working days after occurrence:
  - Initiation of Construction - Date
  - Completion/Cessation of Construction - Date
  - Actual Production Startup - Date
  - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. If emission testing is specified, the permittee must schedule such testing within 60 days after achieving the maximum production rate, but not later than 180 days after initial startup. Such testing must **strictly** adhere to the procedures outlined in IDAPA 58.01.01.157, and shall not be conducted on weekends or state holidays without prior written approval from the Department. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment. The Department shall be notified at least 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 Department 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 Department, 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.

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.