



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 6520

April 16, 2002

Mr. David Torres, Owner
Diamond T Paving
P.O. Box 557
Wendell, ID 83355

RE: P-000401, Diamond T Paving, Portable
(Portable Hot-mix Asphalt Plant, Permit to Construct No. 777-00246)

Dear Mr. Torres:

The Department of Environmental Quality (Department) is issuing Permit to Construct No. 777-00246 to Diamond T Paving in accordance with IDAPA 58.01.01.200, *Rules for the Control of Air Pollution in Idaho*. The enclosed permit is effective immediately and is based on the information contained in your application, received December 11, 2001.

This permit does not release Diamond T Paving from compliance with all other applicable federal, state, or local laws, regulations, permits, and ordinances.

Stephen VanZandt of the Twin Falls 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 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.

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 Dan Salgado at (208) 373-0502 to address any concerns you may have with the enclosed permit.

Sincerely,

Katherine B. Kelly
Administrator
Air Quality Division

KK/bh P I D G:\AIR PERMITS\PT C\DIAMOND T PAVING\DRAFT\PT-000401 PTC LETTER.DOC

Enclosures

cc: Stephen VanZandt, Twin Falls Regional Office
Kent Berry, EQM



**Air Quality
PERMIT TO CONSTRUCT**

State of Idaho
Department of Environmental Quality

PERMIT NO.: 777-00246

AQCR: XX

CLASS: SM

SIC: 2951

ZONE: XX

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

1. **PERMITTEE**
Diamond T Paving

2. **PROJECT**
Portable Hot-mix Asphalt Plant

3. **MAILING ADDRESS**
P.O. Box 557

CITY
Wendell

STATE
ID

ZIP
83355

4. **FACILITY CONTACT**
David L. Torres

TITLE
Owner

TELEPHONE
(208) 536-5460

5. **RESPONSIBLE OFFICIAL**
David L. Torres

TITLE
Owner

TELEPHONE
(208) 536-5460

6. **EXACT PLANT LOCATION**
Portable

COUNTY

7. **GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**
Hot-mix Asphalt Production (including aggregate, asphalt, and concrete production when collocated)

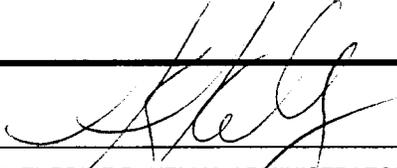
8. **GENERAL CONDITIONS**

This permit is issued according to IDAPA 58.01.01.200 (*Rules for the Control of Air Pollution in Idaho*), and pertains only to emissions 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, assume 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: April 16, 2002

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00246

Permittee: Diamond T Paving
Location: Portable

Date Issued: April 16, 2002

1. PERMIT TO CONSTRUCT SCOPE

Purpose

This permit to construct (PTC) supersedes the following permits:

- PTC No. 777-00246, issued February 25, 2000

Regulated Sources

Table 1.1 below lists all sources of emissions that are regulated in this PTC.

Table 1.1 REGULATED EMISSIONS SOURCES

Permit Section	Source Description	Emissions Control(s)
2	Hot-mix asphalt dryer	Wet scrubber
2	Screening, handling, storing, and weighing	None

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00246

Permittee: Diamond T Paving
Location: Portable

Date Issued: April 16, 2002

2. ASPHALT DRYER, SCREENING, HANDLING, STORING, AND WEIGHING

2.1 Process Description

The primary purpose of the emissions unit is the production of HMA.

2.2 Control Description

Emissions from the asphalt dryer are controlled by a wet scrubber.

Statewide Emissions Limits

2.3 Asphalt Dryer Emissions Limits

Particulate matter (PM), from the HMA dryer stack shall not exceed 0.04 grains per day standard cubic foot (gr/dscf), nor shall particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM₁₀) emissions from the HMA dryer stack shall not exceed the emission rate limit listed below.

Diamond T Paving, Wendell, Idaho	
Source Description	PM₁₀ (lb/hr)
Asphalt dryer stack outlet	5.96

[IDAPA 58.01.01.211.01]

2.4 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.

[IDAPA 58.01.01.211.01]

2.5 Opacity Limit

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

[IDAPA 58.01.01.625]

2.6 Visible Emissions Limits

Visible 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 EPA Reference Method 22, as described in 40 CFR 60, Appendix A, or by a Department-approved alternative method.

[IDAPA 58.01.01.211.01]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00246

Permittee: Diamond T Paving
Location: Portable

Date Issued: April 16, 2002.

Statewide Operating Requirements

2.7 Dryer Burner Fuel Limits

The burner fuel shall be distilled fuel oil only.

[IDAPA 58.01.01.211.01]

2.8 Fuel Oil Sulfur Content

The sulfur content in the No. 2 fuel oil (ASTM Grade 2) supplied to the asphalt dryer shall not exceed 0.5% by weight as required in IDAPA 58.01.01.728.

[IDAPA 58.01.01.728]

2.9 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.

[IDAPA 58.01.01.211.01]

2.10 Pressure Drop Across Air Pollution Control Device

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

[IDAPA 58.01.01.211.01]

2.11 Scrubbing Media Flow Rate

The scrubbing media flow rate to the air pollution control device shall be maintained within manufacturer and O&M manual specifications. Documentation of the manufacturer and O&M Manual operating scrubbing media specifications shall remain onsite at all times and shall be made available to Department representatives upon request.

[IDAPA 58.01.01.211.01]

2.12 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:

- 2.13.1** 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.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00246

Permittee: Diamond T Paving
Location: Portable

Date Issued: April 16, 2002

- 2.13.2 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.
- 2.13.3 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.
- 2.13.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- 2.13.5 Paving of roadways and their maintenance in a clean condition, where practical.
- 2.13.6 Prompt removal of earth or other stored material from streets, where practical.

[IDAPA 58.01.01.650]

2.14 Air Pollution Emergency Rules

The permittee shall comply with the Air Pollution Emergency Rules in IDAPA 58.01.01.550-562.

[IDAPA 58.01.01.550]

Monitoring and Recordkeeping Requirements

2.15 Performance Test

Within 60 days after achieving the maximum production rate at which the source will operate, but not later than 180 days after initial startup, the permittee shall conduct performance tests to measure visible emissions from the asphalt dryer stack. This initial performance test, and any subsequent performance tests conducted to demonstrate compliance, shall be performed in accordance with IDAPA 58.01.01.157, General Provision 6 of this permit, and the following requirements:

- 2.15.1 Visible emissions shall be observed during each performance test run using the methods specified in IDAPA 58.01.01.625.
- 2.15.2 The static pressure drop across the scrubber shall be monitored and recorded during each performance test.
- 2.15.3 The throughput to the asphalt dryer shall be recorded in pounds per hour (lb/hr) during each performance test.

[IDAPA 58.01.01.211.04]

2.16 Monitor Operating Parameters

A compilation of the most recent two years of records shall be kept onsite and shall be made available to Department representatives upon request. The permittee shall monitor and record the throughput of the asphalt dryer in tons per month (T/mo) and tons per any consecutive 12-month period.

[IDAPA 58.01.01.211.01]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00246

Permittee: Diamond T Paving
Location: Portable

Date Issued: April 16, 2002

2.17 Operations and Maintenance Manual Requirements

Within 60 days after startup, the permittee shall have developed an 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 manufacturer specifications for the air pollution control device. This manual shall remain onsite at all times and shall be made available to Department representatives upon request.

[IDAPA 58.01.01.211.01]

2.18 Fugitive Dust Monitoring

The permittee shall conduct a quarterly facility-wide inspection of potential sources of fugitive emissions, during daylight hours and under normal operating conditions, to ensure that the methods used to reasonably control fugitive emissions are effective. If fugitive emissions are not being reasonably controlled, the permittee shall take corrective action as expeditiously as practicable. The permittee shall maintain records of the results of each quarterly fugitive emission inspection. The records shall, at a minimum, include the date of each inspection and a description of the following: the permittee's assessment of the conditions existing at the time fugitive emissions were present (if observed), any corrective action taken in response to the fugitive emissions, and the date the corrective action was taken.

[IDAPA 58.01.01.211.01]

Reporting Requirements

2.19 Performance Test Protocol

The permittee is encouraged to submit a test protocol for the performance test required in Permit Condition 2.15 to the Department for approval at least 30 days prior to the test days.

[IDAPA 58.01.01.157.01]

2.20 Performance Test Report

The permittee shall submit a report of the results of the performance test required in Permit Condition 2.15, including all required process data, to the Department within 30 days after the date on which the stack sampling is concluded.

[IDAPA 58.01.01.157.04]

2.21 Certification of Documents

All documents submitted to the Department, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certifications, shall contain a certification by a responsible official. 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.

[IDAPA 58.01.01.123]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00246

Permittee: Diamond T Paving
Location: Portable

Date Issued: April 16, 2002

Operating Requirements - Attainment or Unclassifiable Area When Not Collocated

The permittee shall comply with Permit Conditions 2.3 to 2.21 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.

2.22 Throughput Limits

The maximum annual throughput of the asphalt dryer shall not exceed 377,937 tons per any consecutive 12-month period when located in any attainment or unclassifiable area.

[IDAPA 58.01.01.211.01]

2.23 Collocation Requirements

When the HMA facility is to be collocated with another portable HMA plant, rock crushing plant, or concrete batch plant, the collocation requirements of Permit Conditions 2.24 to 2.26 must be complied with.

[IDAPA 58.01.01.211.01]

Operating Requirements - Attainment or Unclassifiable Area When Collocated

The permittee shall comply with Permit Conditions 2.3 to 2.21 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 portable HMA plant that has been permitted to specifically allow collocation.

2.24 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.

[IDAPA 58.01.01.211.01]

2.25 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.

[IDAPA 58.01.01.211.01]

2.26 Throughput Limits

The maximum annual throughput of the asphalt dryer shall not exceed 188,969 tons per any consecutive 12-month period when collocated in any attainment or unclassifiable area with another HMA plant, concrete batch plant, or rock crushing plant.

[IDAPA 58.01.01.211.01]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00246

Permittee: Diamond T Paving
Location: Portable

Date Issued: April 16, 2002

Operating Requirements - Nonattainment Area

The permittee shall comply with Permit Conditions 2.3 to 2.21 and the following permit conditions when the HMA facility is operated in any PM₁₀ nonattainment area within the state of Idaho. While operating the HMA facility in a PM₁₀ nonattainment area, the HMA facility may not collocate with any other facility.

2.27 Throughput Limits

The maximum annual throughput of the asphalt dryer shall not exceed 29,526 tons per any consecutive 12-month period when located in any PM₁₀ nonattainment area or proposed PM₁₀ nonattainment area.

[IDAPA 58.01.01.211.01]

2.28 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 PM₁₀ nonattainment area or proposed PM₁₀ nonattainment area.

[IDAPA 58.01.01.211.01]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00246

Permittee: Diamond T Paving
Location: Portable

Date Issued: April 16, 2002

3. 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 emissions 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 emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
 - 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 emissions 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 emissions 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 emissions limit(s) set forth in this permit.
7. 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.