



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

C.L. "Butch" Otter, Governor
Toni Hardesty, Director

June 24, 2009

Certified Mail No. 7190 0596 0014 0000 6503

Brian Hansen, President
Gordon Paving Company, Inc.
1310 Addison Ave. West
Twin Falls, Idaho 83301

RE: Facility ID No. 777-00430, Gordon Paving Company, Inc., Twin Falls
Final Permit Letter

Dear Mr. Hansen:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2008.0058 to Gordon Paving Company, Inc. for an initial Hot Mix Asphalt plant at Twin Falls, in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho).

This permit is based on your permit application received on April 22, 2008. This permit is effective immediately. This permit does not release Gordon Paving Company, Inc. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to General Provision 5 of your permit, it is required that Construction and Operation Notification be provided. Please provide this information as listed to DEQ's Twin Falls, Regional Office 1363 Fillmore St., Twin Falls, Idaho 83301, Fax (208) 736-2194.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Stephen VanZandt, Air Quality Engineer, at (208) 736-4261 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other staff responsible for day-to-day compliance with permit conditions.

Pursuant to IDAPA 58.01.23, you, as well as any other entity, may have the right to appeal this final agency action within 35 days of the date of this decision. However, prior to filing a petition for a contested case, I encourage you to contact Eric Clark at (208) 373-0228 or Eric.Clark@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in black ink, appearing to read "Mike Simon".

Mike Simon
Stationary Source Program Manager
Air Quality Division

MS\EC\hp

Project No. P-2008.0058

Enclosure



**Air Quality
PERMIT TO CONSTRUCT
State of Idaho
Department of Environmental Quality**

PERMIT No.: P-2008.0058
FACILITY ID No.: 777-00430
AQCR: Portable **CLASS:** SM **ZONE:** Portable
SIC: 2951 **NAICS:** 324121
UTM COORDINATE (km): Portable

1. PERMITTEE

Gordon Paving Company, Inc.

2. PROJECT

Initial permit to construct – hot mix asphalt plant

| | | | |
|--|---------------------------|--------------------|---------------------|
| 3. MAILING ADDRESS 1310 Addison Ave West | CITY Twin Falls | STATE ID | ZIP 83301 |
|--|---------------------------|--------------------|---------------------|

| | | |
|---|---------------------------------|------------------------------------|
| 4. FACILITY CONTACT Robert Hansen | TITLE Project Manager | TELEPHONE (208) 733-1800 |
|---|---------------------------------|------------------------------------|

| | | |
|--|---------------------------|------------------------------------|
| 5. RESPONSIBLE OFFICIAL Brian Hansen | TITLE President | TELEPHONE (208) 733-1800 |
|--|---------------------------|------------------------------------|

| | |
|--|--|
| 6. EXACT PLANT LOCATION Portable. Initial location 1310 Addison Ave. E., Twin Falls, Idaho | COUNTY Portable. Initial: Twin Falls |
|--|--|

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Hot mix asphalt production, sale, and paving

8. PERMIT AUTHORITY

This permit is issued according to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200 through 228, and pertains only to emissions of air contaminants regulated by the state of Idaho and to the sources specifically allowed to be constructed or modified 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 Department of Environmental Quality (DEQ) 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 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 in design, equipment or operations may be considered a modification. Modifications are subject to DEQ review in accordance with IDAPA 58.01.01.200 through 228 of the Rules for the Control of Air Pollution in Idaho.

**ERIC CLARK, PERMIT WRITER
DEPARTMENT OF ENVIRONMENTAL QUALITY**

**MIKE SIMON, STATIONARY SOURCE PROGRAM MANAGER
DEPARTMENT OF ENVIRONMENTAL QUALITY**

| | |
|-------------------------------|----------------------|
| DATE MODIFIED/REVISED: | |
| DATE ISSUED: | June 24, 2009 |

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Acronyms, Units, and Chemical Nomenclature

| | |
|------------------|--|
| acfm | actual cubic feet per minute |
| AQCR | Air Quality Control Region |
| ASTM | American Society for Testing and Materials |
| CFR | Code of Federal Regulations |
| CO | carbon monoxide |
| DEQ | Department of Environmental Quality |
| EPA | U.S. Environmental Protection Agency |
| ft | feet |
| gal/hr | gallons per hour |
| gr/dscf | grains per dry standard cubic foot |
| HAP | hazardous air pollutants |
| HMA | hot mix asphalt |
| hr/yr | hours per consecutive 12-calendar month period |
| IDAPA | a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act |
| km | kilometers |
| lb/hr | pounds per hour |
| m | meters |
| m/sec | meters per second |
| mg/dscm | milligrams per dry standard cubic meter |
| MMBtu/hr | million British thermal units per hour |
| NAICS | North American Industry Classification System |
| NO ₂ | nitrogen dioxide |
| NO _x | nitrogen oxides |
| NSPS | New Source Performance Standards |
| PAH | polyaromatic hydrocarbons |
| PCB | polychlorinated biphenyl |
| PERF | Portable Equipment Relocation Form |
| PM | particulate matter |
| PM ₁₀ | particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers |
| POM | polycyclic organic matter |
| ppm | parts per million |
| PTC | permit to construct |
| RAP | recycled asphalt pavement |
| RFO | reprocessed fuel oil |
| scf | standard cubic feet |
| SIC | Standard Industrial Classification |
| SM | synthetic minor |
| SO ₂ | sulfur dioxide |
| T/day | tons per calendar day |
| T/hr | tons per hour |
| T/yr | tons per any consecutive 12-calendar month period |
| UTM | Universal Transverse Mercator |

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0058

| | | |
|-------------------|-----------------------------|----------------------------------|
| Permittee: | Gordon Paving Company, Inc. | Facility ID No. 777-00430 |
| Location: | Twin Falls, Idaho | |

1. PERMIT TO CONSTRUCT SCOPE

Purpose

1.1 This is the initial permit to construct (PTC) for a portable 225 ton per hour (T/hr) hot-mix asphalt (HMA) plant. Aggregate and recycled asphalt pavement (RAP) are heated and combined with liquid asphalt in a drum dryer, then conveyed to silo storage and loaded into trucks for offsite shipment. Electrical loads will be served by a connection to the local power grid.

Regulated Sources

1.2 Table 1.1 lists all sources of regulated emissions in this PTC.

Table 1.1 SUMMARY OF REGULATED SOURCES

| Permit Section | Source Description | Emissions Control |
|-----------------------|---|---|
| 2 | <u>Hot Mix Asphalt Dryer (or equivalent^a)</u> Manufacturer: ADM Model: Milemaker series TM MM225 – Counter-flow portable Manufacture date: March 2008 Maximum capacity: 75 MMBtu/hr Maximum production: 225 T/hr, 2,000 T/day, and 270,000 T/yr Fuel: 0.5% sulfur distillate fuel oil, natural gas, Reprocessed fuel oil, propane Maximum fuel usage rate: 382.5 gal/hr | <u>Hot Mix Asphalt Dryer Baghouse (or equivalent^a)</u> Manufacturer: ADM. Model: BHP-585-9 Type: Pulse Jet PM/PM ₁₀ efficiency: 99.5% |
| 2 | <u>Asphalt Tank Heater</u> Fuel: 0.5% sulfur distillate fuel oil Maximum fuel usage rate: 14.6 gal/hr Operation: 4,608 hr/yr Heating capacity : 2.0 MMBtu/hr | None |
| 2 | <u>Fuel Oil Storage Tank(s)</u> Tank 1: 20,000-gallon capacity, above-ground tank Tank 2: 44,000-gallon capacity, above-ground tank | None |
| 2 | <u>Scalping Screen</u> Serial #: RB874-08 Equipment #: 7157 Construction Date: 2008 Rated Capacity: 24 sq ft Maximum operation: 1,200 hr/yr | None |
| 2 | <u>Materials transfer points</u> (includes fugitives) Aggregate dump to ground, Aggregate dump to conveyor, Aggregate conveyor to elevated storage | <u>Minimized drop heights, water sprays, or equivalent control methods</u> |

a. "or equivalent" is defined as equipment which has an equivalent or less maximum capacity (T/hr) than listed in this table, has an equivalent or greater control efficiency than listed in Table 2.1, which does not result in an increase in emissions, and which does not result in the emission of a toxic air pollutant not previously emitted.

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2. HOT-MIX ASPHALT PLANT

2.1 Process Description

This portable HMA plant that consists of aggregate and RAP pile and bin storage and handling, a drum mix dryer, a heated aboveground asphalt oil storage tank, and HMA conveyors, storage silos and truck loadout.

Stockpiled aggregate is transferred to feed bins. Aggregate may consist of up to 50 percent RAP with no effect on facility emissions. Aggregate is dispensed from the bins onto feeder conveyors, which transfer the aggregate to the drum mix dryer. Aggregate travels through the rotating drum dryer, and when dried, the aggregate is mixed with liquid asphalt cement. The resulting HMA is then conveyed to hot storage bins or silos until it can be loaded into trucks for transport off site.

2.2 Emissions Control Description

The particulate matter (PM) and particulate matter with an aerodynamic diameter less than or equal to ten microns (PM₁₀) emissions from the HMA plant are controlled by a baghouse system. Table 2.1 below describes the control devices or measures associated with the HMA plant.

Table 2.1 CONTROL DESCRIPTIONS OF THE HMA PLANT

| Emissions Unit / Process | Emissions Control Device | Emissions Point |
|---|---|--|
| <u>Fuel Oil Storage Tank(s)</u> Tank 1: 20,000-gallon capacity, above-ground tank Tank 2: 44,000-gallon capacity, above-ground tank | None | Fugitive emissions only. |
| Hot Mix Asphalt Dryer | <u>Baghouse</u> Manufacturer: ADM, Inc. Model: BHP 585-9 Design Efficiency for PM/PM ₁₀ : 99.5% | <u>Stack Parameters:</u> Height: 22.3 ft above ground Exit Diameter: 3.25 ft Exhaust Flow Rate: 45,000 acfm Exit Flow Velocity: 26.64 m/sec Exit Temperature: 299.6°F (421.8 K) |
| Asphalt Tank Heater | None | <u>Stack Parameters:</u> Height: 9 ft above ground Exit Diameter: 1 ft Exhaust Flow Rate: Exit Flow Velocity: 6.16 m/sec Exit Temperature: 605°F (591.3 K) |
| Materials transfer (fugitives) | Minimized drop heights, water sprays, or equivalent control methods | Aggregate dump to ground, sand dump to ground, aggregate dump to conveyor, sand dump to conveyor, aggregate conveyor to elevator storage, and sand conveyor to elevated storage. Control efficiency: 75% |

Emissions Limits

2.3 Emissions Limits HMA Dryer

The emissions from the HMA Dryer stack shall not exceed any corresponding emission rate limits listed in Table 2.2.

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Table 2.1 HMA DRYER EMISSION LIMITS¹

| Source Description | PM ₁₀ ² | |
|--------------------|-------------------------------|-------------------|
| | lb/hr ³ | T/yr ⁴ |
| HMA Dryer stack | 5.18 | 3.11 |

- 1) In absence of any other credible evidence, compliance is assured by complying with this permit's operating, monitoring, and recordkeeping requirements.
- 2) Particulate matter with an aerodynamic diameter less than or equal to a nominal ten (10) micrometers, including condensable particulate as defined in IDAPA 58.01.01.006.81.
- 3) Pounds per hour on a 24-hour basis, as determined by a test method prescribed by IDAPA 58.01.01.157 or DEQ-approved alternative.
- 4) Tons per any consecutive 12-calendar month period.

2.4 Opacity Limit (IDAPA)

Emissions from any baghouse stack or from any stack, vent, or other functionally equivalent opening associated with the HMA plant 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 by the procedures contained in IDAPA 58.01.01.625.

2.5 NSPS 40 CFR 60, Subpart I - Standards for Particulate Matter

In accordance with 40 CFR 60.92, no owner or operator shall discharge or cause the discharge into the atmosphere from any HMA facility any gases which:

- Contain particulate matter in excess of 90 mg/dscm (0.04 gr/dscf);
- Exhibit 20 percent opacity, or greater.

Operating Requirements

2.6 Production and Setback Distance Limits

The permittee shall comply with the minimum setback distances and the daily and annual production rates listed in Table 2.2. The setback distance shall be defined as the minimum distance in any direction from the location of the hot mix asphalt plant stack to the property boundary.

The HMA plant shall process aggregate, asphalt cement, and recycled asphalt cement (RAP) as raw materials. RAP used as part of the aggregate shall not exceed 50 percent of the total HMA production in tons per calendar day.

Table 2.2 HMA PLANT PRODUCTION LIMITS AND SETBACK DISTANCES

| HMA Production Limits | | Setback Distance (ft) |
|-----------------------|--------------|-----------------------|
| Daily HMA production | 5,400 T/day | 130 ^a |
| Annual HMA production | 270,000 T/yr | |

a. 130 feet setback is the minimum distance between any emissions point and the ambient air boundary.

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2.7 Asphalt Tank Heater Operation Limits

The permittee shall comply with an annual operational limit of 4,608 hr/yr

2.8 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent particulate matter from becoming airborne in accordance with IDAPA 58.01.01.650-651 and IDAPA 58.01.01.808. In determining what is reasonable, consideration 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:

- Good operating practices, including water spraying or other suitable measures, shall be employed to prevent dust generation and atmospheric entrainment during operations such as stockpiling, screen changing, and general maintenance.
- 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.
- 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.

2.9 Permitted Fuels

The HMA Dryer shall combust only natural gas, propane, ASTM Grade 1 and Grade 2 distillate fuel oil meeting the specifications of Permit Condition 2.11, or reprocessed fuel oil (RFO) meeting the specifications of Permit Conditions 2.10 and 2.11. The asphalt tank heater shall combust only Grade 2 distillate fuel oil also meeting specifications of Permit Condition 2.11.

2.10 40 CFR 279, Subpart B - Used Oil Specifications

In accordance with 40 CFR 279.11, with the exception of total halogens which are limited to 1,000 ppm, used oil burned for energy recovery shall not exceed any of the allowable levels of the constituents and property listed in Table 2.4. In addition, used oil shall not contain quantifiable levels (2 ppm) of polychlorinated biphenyls (PCB).

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Location: Twin Falls, Idaho

Facility ID No. 777-00430

Table 2.3 USED OIL SPECIFICATIONS¹

| Constituent/property | Allowable level |
|----------------------|--------------------|
| Arsenic | 5 ppm maximum |
| Cadmium | 2 ppm maximum |
| Chromium | 10 ppm maximum |
| Lead | 100 ppm maximum |
| Flash point | 100 deg. F minimum |
| Total halogens | 1,000 ppm maximum |
| PCBs ² | < 2 ppm |

- 1) The specification does not apply to mixtures of used oil and hazardous waste that continue to be regulated as hazardous waste (see 40 CFR 279.10(b)).
- 2) Applicable standards for the burning of used oil containing PCB are imposed by 40 CFR 761.20(e)

2.11 Fuel Sulfur Content

- No person shall sell, distribute, use, or make available for use any distillate fuel oil containing more than the following percentages of sulfur in accordance with IDAPA 58.01.01.725-728:
 - ASTM Grade 1 fuel oil - 0.3% by weight.
 - ASTM Grade 2 fuel oil - 0.5% by weight.
- The permittee shall not use any RFO containing more than 0.5% sulfur by weight.

2.12 Odors

The permittee shall not allow, suffer, cause, or permit the emission of odorous gases, liquids, or solids into the atmosphere in such quantities as to cause air pollution in accordance with IDAPA 58.01.01.776.01.

2.13 Baghouse System Control Equipment

The permittee shall install and operate the HMA dryer baghouse to control PM and PM₁₀ from the HMA plant and to ensure compliance with the emission limits in Permit Conditions 2.3 and 2.5.

2.14 Baghouse System Procedures

Within 60 days of initial startup of the HMA plant, the permittee shall have developed a Baghouse System Procedures document for the inspection and operation of the HMA dryer baghouse. The Baghouse System Procedures document shall be a permittee developed document independent of the manufacturer-supplied operating manual but may include summaries of procedures in the manufacturer-supplied operating manual.

At a minimum the following items shall be included in the Baghouse System Procedures document;

- Procedures for inspecting and maintaining the HMA dryer baghouse in accordance with Permit Condition 2.16 and to comply with General Provision 2.
- Schedule and procedures for corrective action that will be taken if visible emissions are present from the HMA dryer baghouse at any time, including procedures to determine whether bags are ruptured, and procedures to determine if bags or cartridges are not appropriately secured in place.
- The manufacturer name and model, the maximum capacity (T/hr), the fuel consumption (gal/hr), the PM₁₀ control efficiency, and the stack parameters for any equivalent equipment used in place of the equipment listed in Table 1.1.

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The Baghouse System Procedures document shall remain onsite at all times and shall be made available to DEQ representatives upon request.

The operation and monitoring requirements specified in the Baghouse System Procedures document are incorporated by reference into this permit and are enforceable permit conditions.

2.15 Visible Emissions/Opacity Monitoring

Each month the permittee shall conduct a site-wide inspection of potential sources of visible emissions; including any stack, vent, or other functionally equivalent opening; during daylight hours and under normal operating conditions, to demonstrate compliance with Permit Condition 2.4. The inspection shall consist of a see/no see evaluation for each potential source. If any visible emissions are present from any point of emission, the permittee shall either take appropriate corrective action as expeditiously as practicable, or perform a Method 9 opacity test in accordance with the procedures outlined in IDAPA 58.01.01.625. A minimum of 30 observations shall be recorded when conducting the opacity test. If opacity is greater than 20% for a period or periods aggregating more than three minutes in any 60-minute period, the permittee shall take all necessary corrective action and report the exceedance in accordance with IDAPA 58.01.01.130-136.

The permittee shall maintain records of the results of each visible emissions inspection and each opacity test when conducted. The records shall include, at a minimum, the date and results of each inspection and test and a description of the following: the permittee's assessment of the conditions existing at the time visible emissions are present (if observed), any corrective action taken in response to the visible emissions, and the date corrective action was taken. All records shall be maintained on-site for a period of 5 years and shall be made available to DEQ representatives upon request.

2.16 Fugitive Dust Monitoring

Each day the permittee shall conduct a site-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, to demonstrate compliance with Permit Condition 2.8. 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 fugitive emissions inspection. The records shall include, at a minimum, 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.

2.17 Production Monitoring

The permittee shall monitor and record the daily production on a daily basis and the annual production on a monthly basis to demonstrate compliance with Permit Condition 2.6. Annual production shall be determined by summing each monthly production total over the previous consecutive 12-calendar month period. The recycled asphalt pavement usage shall be monitored and recorded on a daily basis, in tons per calendar day, to demonstrate compliance with Permit Condition 2.6.

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2.18 Setback Monitoring

The permittee shall physically measure and record the minimum setback distance to demonstrate compliance with the setback limits in Permit Condition 2.6:

- Before initial startup of any emissions source listed in Table 1.1;
- Each time any emissions source listed in Table 1.1 is relocated in accordance with IDAPA 58.01.01.500; and
- Any time any emissions source listed in Table 1.1 is changed in such a way that the minimum setback distance is reduced compared to previous operations at that location.

Information recorded shall include, but not be limited to, a brief description of the nearest distance to any area where the general public has access, and the minimum setback distance in meters or feet to an accuracy of plus or minus 1.8 meters (6 feet).

2.19 Used Oil Certification

The permittee shall demonstrate compliance with the used oil fuel specifications in Permit Condition 2.10 by obtaining a used oil fuel certification from the used oil fuel supplier on an as-received basis for each shipment or by having the fuel analyzed by a qualified laboratory. The certification shall include the following information:

- The name and address of the used oil supplier;
- The measured concentration, expressed as ppm, of each constituent listed in Table 2.4;
- The flash point of the used oil expressed as degrees Fahrenheit;
- The analytical method or methods used to determine the concentration of each constituent and property (flash point) listed in Table 2.4;
- The date and location of each sample; and
- The date of each certification analysis.

2.20 Fuel Sulfur Content Monitoring

The permittee shall maintain documentation of supplier verification of fuel oil and used oil sulfur content on an as-received basis to demonstrate compliance with Permit Condition 2.11.

2.21 Odor Complaints

The permittee shall maintain records of all odor complaints received to demonstrate compliance with Permit Condition 2.12. The permittee shall take appropriate corrective action as expeditiously as practicable. The records shall include, at a minimum, the date each complaint was received and a description of the following: the complaint, the permittee's assessment of the validity of the complaint, any corrective action taken, and the date the corrective action was taken.

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| Location: | Twin Falls, Idaho | |

2.22 Baghouse Monitoring

The permittee shall maintain records of the results of each baghouse system inspection in accordance with General Provision 7. The records shall include a description of whether visible emissions were present and if visible emissions were present a description of the corrective action that was taken to demonstrate compliance with Permit Conditions 2.13 and 2.14.

Performance Testing Requirements

2.23 NSPS 40 CFR 60, Subpart I - Initial Performance Test

Performance testing on the HMA Dryer Baghouse stack shall be performed within 60 days after achieving the maximum permitted production rate in Permit Condition 2.6, but not later than 180 days after initial startup of the HMA plant, in accordance with 40 CFR 60.8.

The initial performance test shall measure the PM emission rate in grains per dry standard cubic feet and the opacity to demonstrate compliance with the emission limits in Permit Condition 2.5.

The performance test shall be conducted under worst-case normal operating conditions and in accordance with 40 CFR 60.93, 60.8, and 60.11; Permit Conditions 2.5, 2.26, and 2.27; and General Provision 6 of this permit. The permittee is encouraged to submit a performance testing protocol for approval 30 days prior to conducting the performance tests.

Each performance test shall consist of three separate runs using the applicable test method in accordance with 40 CFR 60.8(f).

2.24 Periodic Performance Testing

Performance testing on the HMA aggregate dryer baghouse stack shall be performed within 180 days after initial startup and no less than once every five years thereafter.

The performance test shall measure the PM stack gas concentration in grains per dry standard cubic feet, the PM₁₀ emission rate in pounds per hour and the opacity to demonstrate compliance with Permit Conditions 2.3, 2.4 and 2.6.

The performance test shall be conducted under worst-case normal operating conditions and in accordance with IDAPA 58.01.01.157 and General Provision 6 of this permit. The permittee is encouraged to submit a performance testing protocol for approval 30 days prior to conducting the performance tests.

2.25 Performance Test Monitoring and Recordkeeping

The permittee shall monitor and record the following during each performance test:

- The HMA production rate, in tons per hour, once every 15 minutes;
- The recycled asphalt pavement usage in tons per hour, once every 15 minutes;
- The type of fuel combusted in the HMA Dryer; and
- Fuel oil sulfur content (i.e., percent by weight)
- The visible emissions observed during the performance test.

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| Location: | Twin Falls, Idaho | |

2.26 NSPS 40 CFR 60, Subpart I - Performance Test Methods

- In accordance with 40 CFR 60.93(b) and 60.11(b), the permittee shall determine compliance with the particulate matter standards in Permit Condition 2.5 as follows:
 - EPA Reference Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).
 - EPA Reference Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity.
- In accordance with 40 CFR 60.93(a), in conducting performance tests, the permittee shall use as reference methods and procedures the test methods in 40 CFR 60 Appendix A.

2.27 PM/PM₁₀ Performance Test Methods

The permittee shall use EPA Method 5 and 202 or such comparable and equivalent methods approved in accordance with Subsection 157.02.d to determine compliance with the particulate matter standard in Permit Condition 2.3 in accordance with IDAPA 58.01.01.700.04.

The permittee shall use EPA Method 9 to determine compliance with the opacity matter standard in Permit Condition 2.4 in accordance with IDAPA 58.01.01.625.04.

Reporting Requirements

2.28 Performance Test Reporting

Performance test reports shall include records of the monitoring required by Permit Condition 2.26, and documentation that the performance test was conducted in accordance with Permit Conditions 2.24 and/or 2.25. Performance test reports shall be submitted by the permittee to the following address:

Air Quality Permit Compliance
Twin Falls Regional Office
Department of Environmental Quality
1363 Fillmore St
Twin Falls, ID 83301

Phone: (208) 736-2190
Fax: (208) 736-2194

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| Permittee: | Gordon Paving Company, Inc. | Facility ID No. 777-00430 |
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2.29 Relocation

At least 10 days prior to relocation of any equipment listed in Table 1.1, the permittee shall submit a scaled plot plan and a complete Portable Equipment Relocation Form (PERF) in accordance with IDAPA 58.01.01.500, to the following address or fax number:

PERF Processing Unit
DEQ – Air Quality
1410 N. Hilton
Boise, ID 83706-1255

Phone: (208) 373-0502
Fax: (208) 373-0340

The scaled plot plan shall show the location of any emissions source listed in Table 1.1, and distances to any area outside of a building where the general public has access, including property boundaries.

Electronic copies of the PERF may be obtained from the DEQ website;

http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.pdf
http://www.deq.idaho.gov/air/permits_forms/forms/ptc_relocation.doc

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-2008.0058

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|-------------------|-----------------------------|
| Permittee: | Gordon Paving Company, Inc. |
| Location: | Twin Falls, Idaho |

Facility ID No. 777-00430

2.30 NSPS 40 CFR 60, Subpart A - General Provisions

The permittee shall comply with the applicable requirements of 40 CFR 60, Subpart A – General Provisions in accordance with 40 CFR 60.1. A summary of requirements for affected facilities is provided in Table 2.5.

Table 2.4 NSPS 40 CFR 60, SUBPART A – GENERAL PROVISIONS

| Section | Section Title | Summary of Section Requirements |
|------------------------------|--|--|
| 60.4 | Address | <ul style="list-style-type: none"> All notifications and reports shall be submitted to: Department of Environmental Quality Twin Falls Regional Office 1363 Fillmore St. Twin Falls, ID 83301 |
| 60.7(a),(b),(c), (d) and (f) | Notification and Record Keeping | <ul style="list-style-type: none"> Notification shall be furnished of commencement of construction postmarked no later than 30 days of such date. Notification shall be furnished of initial startup postmarked within 15 days of such date. Notification shall be furnished of any physical or operational change that may increase emissions postmarked 60 days before the change is made. Records shall be maintained of the occurrence and duration of any startup, shutdown or malfunction; any malfunction of the air pollution control equipment; or any periods during which a CMS or monitoring device is inoperative. Records shall be maintained, in a permanent form suitable for inspection, of all measurements, performance testing measurements, calibration checks, adjustments and maintenance performed, and other required information. Records shall be maintained for a period of two years following the date of such measurements, maintenance, reports, and records. |
| 60.8 | Performance Tests | <ul style="list-style-type: none"> At least 30 days prior notice of any performance test shall be provided to afford the opportunity to have an observer to be present. Within 60 days of achieving the maximum production rate, but not later 180 days after initial startup, performance test(s) shall be conducted and a written report of the results of such test(s) furnished. Performance testing facilities shall be provided as follows: Sampling ports adequate for test methods applicable to such facility. Safe sampling platform(s). Safe access to sampling platform(s). Utilities for sampling and testing equipment. Performance tests shall be conducted and data reduced in accordance with 40 CFR 60.8(b), (c), and (f). |
| 60.11(a), (d), (f), and (g) | Compliance with Standards and Maintenance Requirements | <ul style="list-style-type: none"> When performance tests are required, compliance with standards is determined by methods and procedures established by 40 CFR 60.8. At all times, including periods of startup, shutdown, and malfunction, the owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. For the purpose of submitting compliance certifications or establishing whether or not a person has violated or is in violation of any standard, nothing shall preclude the use, including the exclusive use, of any credible evidence or information, relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed. |
| 60.12 | Circumvention | <ul style="list-style-type: none"> No permittee shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. |

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| 60.14 | Modification | <ul style="list-style-type: none"> • A physical or operational change which results in an increase in the emission rate to the atmosphere or any pollutant to which a standard applies shall be considered a modification, and upon modification an existing facility shall become an affected facility in accordance with the requirements and exemptions in 40 CFR 60.14. • Within 180 days of the completion of any physical or operational change, compliance with all applicable standards must be achieved. |
| 60.15 | Reconstruction | An existing facility, upon reconstruction, becomes an affected facility, irrespective of any change in emission rate in accordance with the requirements of 40 CFR 60.15. |

2.31 PM₁₀ Nonattainment Area Operations

The permittee shall not relocate and operate any equipment listed in Table 1.1 in any PM_{2.5} or PM₁₀ nonattainment area.

Contact DEQ for current nonattainment area status and more specific details about the nonattainment area boundaries. The geographical locations of nonattainment areas in Idaho may be found online at: http://www.deq.idaho.gov/air/data_reports/monitoring/overview.cfm#AttvNon.

Collocation

2.32 Collocated Operations

The emission sources listed in Table 1.1 may not co-locate with any other emissions sources, except for one (1) permitted rock crushing facility. The emission sources listed in Table 1.1 shall not operate concurrently with the permitted rock crushing facility. Emissions sources are considered collocating if they are located and operate within 1,000 feet (305 meters) of each other.

Incorporation by Reference

2.33 Incorporation of Federal Requirements by Reference

Unless expressly provided otherwise, any reference in this permit to any document identified in IDAPA 58.01.01.107.03 shall constitute the full incorporation into this permit of that document for the purposes of the reference, including any notes and appendices therein. Documents include, but are not limited to:

- Standards of Performance for New Stationary Sources (NSPS), 40 CFR Part 60

For permit conditions referencing or cited in accordance with any document incorporated by reference (including permit conditions identified as NSPS or NESHAP), should there be any conflict between the requirements of the permit condition and the requirements of the document, the requirements of the document shall govern, including any amendments to that regulation.

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3. PERMIT TO CONSTRUCT GENERAL PROVISIONS

General Compliance

1. The permittee has a continuing duty to comply with all terms and conditions of this permit. 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.

[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.

[IDAPA 58.01.01.211, 5/1/94]
3. Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

Inspection and Entry

4. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
 - a. Enter upon the permittee's premises where an emissions source is located or emissions related activity is conducted, or where records are kept under conditions of this permit;
 - b. Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
 - c. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - d. As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

Construction and Operation Notification

5. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
 - a. A notification of the date of initiation of construction, within five working days after occurrence;
 - b. A notification of the date of any suspension of construction, if such suspension lasts for one year or more;
 - c. A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date;

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- d. A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date; and
- e. A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211, 5/1/94]

Performance Testing

- 6. If performance testing (air emissions source test) is required by this permit, the permittee shall provide notice of intent to test to DEQ at least 15 days prior to the scheduled test date or shorter time period as approved by DEQ. DEQ may, at its option, have an observer present at any emissions tests conducted on a source. DEQ requests that such testing not be performed on weekends or state holidays.

All performance testing shall be conducted in accordance with the procedures in IDAPA 58.01.01.157. Without prior DEQ approval, any alternative testing is conducted solely at the permittee's risk. If the permittee fails to obtain prior written approval by DEQ for any testing deviations, DEQ may determine that the testing does not satisfy the testing requirements. Therefore, at least 30 days prior to conducting any performance test, the permittee is encouraged to submit a performance test protocol to DEQ for approval. The written protocol shall include a description of the test method(s) to be used, an explanation of any or unusual circumstances regarding the proposed test, and the proposed test schedule for conducting and reporting the test.

Within 30 days following the date in which a performance test required by this permit is concluded, the permittee shall submit to DEQ a performance test report. The written report shall include a description of the process, identification of the test method(s) used, equipment used, all process operating data collected during the test period, and test results, as well as raw test data and associated documentation, including any approved test protocol.

[IDAPA 58.01.01.157, 4/5/00]

Monitoring and Recordkeeping

- 7. The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Records of monitoring information shall include, but not be limited to the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211, 5/1/94]

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Excess Emissions

8. The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130-136 for excess emissions due to startup, shutdown, scheduled maintenance, safety measures, upsets and breakdowns.

[IDAPA 58.01.01.130-136, 4/5/00]

Certification

9. All documents submitted to DEQ, including, but not limited to, records, monitoring data, supporting information, requests for confidential treatment, testing reports, or compliance certification 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, 5/1/94]

False Statements

10. No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit, or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

Tampering

11. No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Transferability

12. This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

Severability

13. 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.

[IDAPA 58.01.01.322.15.h, 5/1/94; 40 CFR 70.6(a)(5)]