



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

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

March 22, 2011

Terry McEntee
President
Central Paving Co., Inc.
P.O. Box 15010
Boise, Idaho 83715

RE: Facility ID No. 777-00322, Central Paving Co., Hot Plant 3
Final Permit Letter

Dear Mr. McEntee:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2011.0018 Project 60715 to Central Paving Co. for portable Hot Plant 3, for the use of reprocessed fuel oil (RFO) in the HMA dryer and the operation of a portable nighttime generator engine (GEN1) at locations other than the Apple Street Yard. This PTC is issued in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho) and is based on the certified information provided in your PTC application received December 28, 2010.

This permit is effective immediately and revises Permit to Construct No. P-030020, issued on May 22, 2003. This permit does not release Central Paving Co., Inc. from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to the Construction and Operation Notification General Provision of your permit, it is required that construction and operation notification be provided. Please provide this information as listed to DEQ's Boise Regional Office, 1445 N. Orchard St., Boise, ID 83706, Fax (208) 373-0287.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Tom Krinke, Air Quality Compliance Officer, at (208) 373-0419 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends that 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 Morrie Lewis at (208) 373-0502 or Morrie.Lewis@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Sincerely,

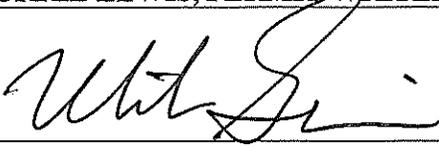
A handwritten signature in black ink, appearing to read "Mike Simon", with a stylized flourish at the end.

Mike Simon
Stationary Source Program Manager
Air Quality Division

MSML

Permit No. P-2011.0018 PROJ 60715

Enclosures

<p style="text-align: center;">Air Quality PERMIT TO CONSTRUCT State of Idaho Department of Environmental Quality</p>	PERMIT NUMBER	CLASS	SIC
	P-2011.0018	SM	2951
	FACILITY ID	AQCR	NAICS
	777-00322	Portable	324121
	ZONE	UTM COORDINATES (km)	
Portable	Portable	Portable	
PERMITTEE			
Central Paving Co., Inc.			
PROJECT			
Project No. 60715, Hot Plant 3 – revision to add RFO and generator			
MAILING ADDRESS	CITY	STATE	ZIP
P.O. Box 15010	Boise	ID	83715
FACILITY CONTACT	TITLE	TELEPHONE	
Bob Potts	Facility Manager	(208) 338-0818	
RESPONSIBLE OFFICIAL	TITLE	TELEPHONE	
Terry McEntee	President	(208) 338-0818	
EXACT PLANT LOCATION		COUNTY	
Initial location: 5040 South Apple Street, Boise, ID 83716		Initial location: Ada	
GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS			
Production of hot mix asphalt			
PERMIT AUTHORITY			
<p>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.</p> <p>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.</p> <p>This permit will expire if construction has not begun within two years of its issue date or if construction is suspended for one year.</p> <p>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.</p>			
		DATE ISSUED	March 22, 2011
MORRIE LEWIS, PERMIT WRITER			
			
MIKE SIMON, STATIONARY SOURCE MANAGER			

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PERMIT TO CONSTRUCT SCOPE

Process Description

1. Stockpiled aggregate is transferred to feed bins. Aggregate may consist of up to 50% percent recycled asphalt pavement (RAP). Aggregate is dispensed from the bins onto feeder conveyors, which transfer the aggregate to the heated drum mixer. Aggregate travels through the rotating hot mix asphalt (HMA) drum mixer, 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. During cool weather, HMA fuel(s) may need to be pre-heated to reduce the viscosity. Other equipment may include a portable sand and gravel and crushed stone operation, which crushes rock and aggregate to reduce material in size to desired specifications. Electrical power may be supplied to the plant equipment from the local power grid or from portable generators.

Purpose

2. This is a revised permit to construct (PTC) a portable hot mix asphalt plant.
3. This permit to construct revises Permit to Construct No. P-030020, issued on May 22, 2003, the terms and conditions of which shall no longer apply.

4. The emission sources regulated by this permit are listed in the following table.

TABLE 1 REGULATED EMISSION SOURCES

Source Description	Control Equipment
<p><u>HMA Dryer</u> Manufacturer/model: CMI PDT-400 or equivalent^a Manufacture date: 1999 Burner model: Hauck SJ520 or equivalent^a Maximum capacity: 450 T/hr and 96.8 MMBtu/hr Maximum production: 7,200 T/day and 700,000 T/yr Fuel: natural gas, propane, distillate fuel oil ASTM Grades 1 and 2, residual fuel oil, reprocessed fuel oil</p> <p><u>Asphalt Tank Heater</u> Manufacturer/model: or equivalent^a Maximum capacity: 1.41 MMBtu/hr Maximum operation: 24 hr/day Fuel: distillate fuel oil ASTM Grades 1 and 2 Fuel consumption: 10.29 gal/hr</p>	<p><u>Baghouse</u> Manufacturer/model: CMI RA318P or equivalent^a</p> <p><u>None</u></p>
<p><u>Compression ignition internal combustion engines (CI ICE)</u></p> <p>GEN2 Manufacturer/model: Caterpillar 3412CDITA or equivalent^a Manufacture date: 2001 Maximum capacity: 902 kW Maximum operation: 16 hr/day Fuel: distillate fuel oil ASTM Grades 1 and 2 Fuel consumption: 59.6 gal/hr at full load</p> <p>GEN1 Manufacturer/model: John Deere MultiQuip 4045TF75 or equivalent^a Manufacture date: 2006 (EPA Tier 2) Maximum capacity: 84 kW and 1.125 L/cylinder Maximum operation: 24 hr/day Fuel: distillate fuel oil ASTM Grades 1 and 2 Fuel consumption: 5.7 gal/hr at 75% load</p>	<p><u>None</u></p>
<p><u>Storage tanks</u></p> <p>Model: above-ground storage tank Maximum capacity: 25,000 gallons Type: asphalt oil</p> <p>Model: above-ground storage tank Maximum capacity: 25,000 gallons Type: asphalt oil</p> <p>Model: above-ground storage tank Maximum capacity: 10,000 gallons Type: fuel oil and RFO</p>	<p><u>None</u></p>
<p><u>Materials transfer points</u> (includes fugitives)</p> <p>(4) bin aggregate feeders, (2) bin RAP feeders, Truck loading silo, Screen, Conveyors, Aggregate dump to ground, Aggregate dump to conveyor, Aggregate conveyor to elevated storage</p>	<p><u>Reasonable control methods</u> (Permit Condition 8)</p>

a) "or equivalent" sources have an equivalent or less maximum capacity (T/hr and yd³/hr) and fuel consumption (MMBtu/hr and gal/hr) than the source listed in this table; "or equivalent" sources and control methods shall not result in an emission increase or in the emission of any regulated air pollutant not previously emitted (using the definitions provided in IDAPA 58.01.01.006) when compared to the sources and control methods listed in this table.

STATEWIDE REQUIREMENTS

Except as specified, the permittee shall comply with the following conditions when the HMA plant is operated anywhere within the state of Idaho.

Emission Limits

5. **NSPS 40 CFR 60, Subpart I – Standard 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 0.04 gr/dscf (90 mg/dscm);
- exhibit 20% opacity or greater.

6. **Emission Limits**

Except as specified for the Apple Street Yard (Permit Condition 40), the emissions from the HMA Dryer stack shall not exceed any corresponding emission rate limits listed in Table 2.

TABLE 2 HMA DRYER EMISSION LIMITS^a

Source Description	PM ₁₀ ^b lb/hr ^c
HMA Dryer stack	10.35

- a) In absence of any other credible evidence, compliance is assured by complying with this permit's operating, monitoring, and record keeping requirements.
- b) 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.
- c) Pounds per hour, as determined by a test method prescribed by IDAPA 58.01.01.157 or DEQ-approved alternative.

[March 22, 2011]

7. **Opacity**

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, *Rules for the Control of Air Pollution in Idaho*. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

8. **Reasonable Control of Fugitive Emissions**

In accordance with IDAPA 58.01.01.650-651 and IDAPA 58.01.01.808, all reasonable precautions shall be taken to prevent PM from becoming airborne. 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 particulate matter (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 aggregate stockpiling, scalping 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.

[March 22, 2011]

9. **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.

[March 22, 2011]

Operating Requirements

10. **Daily Production and Setback Distance Limits**

Except as specified for the Apple Street Yard (Permit Condition 41), the permittee shall comply with the following limits:

- The daily production rate of the hot mix asphalt plant shall not exceed the limit in Table 3 for the relevant operating scenario.

TABLE 3 STATEWIDE DAILY PRODUCTION LIMITS

Operating Scenario Description	Daily Production Limit
	T/day ^a
HMA facility operating without co-location ^b	7,200
HMA facility co-located with one crusher ^b	3,600

- a) T/day is tons of material processed per calendar day. The permittee shall only operate under a single operating scenario each calendar day.
- b) Co-located as defined in Permit Condition 30.

- The HMA plant shall process only aggregate, asphalt cement, and/or recycled asphalt cement (RAP) as raw materials. RAP used as part of the aggregate shall not exceed 50 percent by weight of the aggregate.
- The permittee shall comply with a minimum setback distance limit of 129 meters for all emission sources associated with the hot mix asphalt plant (Table 1). The minimum setback distance shall be defined as the minimum distance from the nearest edge of any regulated emissions source (Table 1) to any area outside of a building where the general public has access.

[March 22, 2011]

11. **Annual Production Limits**

The annual production rate of the hot mix asphalt plant shall not exceed the limit in Table 4.

TABLE 4 STATEWIDE ANNUAL PRODUCTION LIMIT

Annual Production Limit
T/yr ^a
480,000

a) T/yr is tons of material processed per consecutive 12-calendar month period, and is the total material processed for all operating scenarios (Permit Condition 10) in that period combined.

[March 22, 2011]

12. **Pressure Drop Monitoring Equipment**

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

[March 22, 2011]

13. **Operations and Maintenance Manual Requirements**

- The permittee shall maintain an O&M manual for the air pollution control device and for the HMA Dryer which describes the following:
 - good combustion practices that will be followed for the HMA Dryer, in accordance with IDAPA 58.01.01.210.12.d and 58.01.01.210.14.e.
 - the procedures that will be followed to comply with the maintenance and operation general provision (Permit Condition 46) and the air pollution control device requirements contained in this permit.
- The O&M manual shall remain onsite at all times and shall be made available to DEQ representatives upon request.

[March 22, 2011]

14. **Pressure Drop Across Air Pollution Control Device**

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

15. **Engine Specifications**

- The permittee shall utilize only nonroad engines as defined by 40 CFR 1068.30.
 - A nonroad engine is an internal combustion engine that meets the following criteria: by itself or in or on a piece of equipment, it is portable or transportable, meaning designed to be and capable of being carried or moved from one location to another. Indicia of transportability include, but are not limited to, wheels, skids, carrying handles, dolly, trailer, or platform.
 - An internal combustion engine is not a nonroad engine if it meets any of the following criteria: the engine remains or will remain at a location for more than 12 consecutive months or a shorter period of time for an engine located at a seasonal source. A location is any single site at a building, structure, facility, or installation. Any engine (or engines) that replaces an engine at a location and that is intended to perform the same or similar function as the engine replaced will be included in calculating the consecutive time period. An engine located at a seasonal source is an engine that remains at a seasonal source during the full annual operating period of the seasonal source. A seasonal source is a stationary source that remains in a single location on a permanent

basis (i.e., at least two years) and that operates at that single location approximately three months (or more) each year.

- The GEN2 engine shall meet the following criteria:
 - The stack height shall be at least seven feet;
 - The maximum rated exhaust flow rate shall be at least 4,457 acfm; and
 - The maximum rated fuel consumption shall not exceed 80 gallons per hour.
- The permittee shall maintain on-site at all times the manufacturer's specifications for the generator being used. These specifications shall be made available to DEQ representatives upon request.
[March 22, 2011]

16. **GEN2 Engine Operating Limit**

The operating hours of the GEN2 engine shall not exceed 16 hours per calendar day.

[March 22, 2011]

Fuel Specifications

17. **Allowable Fuels**

The HMA Dryer shall only combust the following fuels to ensure compliance with emission limits (Permit Conditions 6 and 40) and in accordance with IDAPA 58.01.01.210.12.d and 58.01.01.210.14.e.

- natural gas,
- propane,
- ASTM Grade 1 and Grade 2 distillate fuel oils,
- residual fuel oils, and
- reprocessed fuel oils (RFO) meeting the required specifications (Permit Conditions 18 and 19).

[March 22, 2011]

18. **Fuel Sulfur Content Specifications**

The permittee shall not combust any fuel oil containing more than 0.02% sulfur by weight to ensure compliance with emission limits (Permit Conditions 6 and 40) and IDAPA 58.01.01.725.

[March 22, 2011]

19. **40 CFR 279, Subpart B – Reprocessed Fuel 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 5.

TABLE 5 USED OIL SPECIFICATIONS

Constituent/property	Allowable level ^a
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
PCB ^b	< 2 ppm

a) ppm = parts per million.

b) Applicable standards for the burning of used oil containing PCB are imposed by 40 CFR 761.20(e).

[March 22, 2011]

Monitoring and Recordkeeping Requirements

20. **Opacity Monitoring**

Each week that an emission source listed in Table 1 is operated, the permittee shall conduct a site-wide inspection of potential sources of visible emissions to ensure compliance with opacity limits (Permit Condition 7); including any baghouse stack, asphalt tank heater stack, fuel heater stack, engine stack, and any stack, vent, or other functionally equivalent opening. Each inspection shall take place during daylight hours and under normal operating conditions. The inspection shall consist of a see/no see evaluation for each emission source. If any visible emissions are present from any point source of emissions, 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 Method 9 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.

[March 22, 2011]

21. **Fugitive Dust Monitoring**

Each day that an emission source listed in Table 1 is operated, 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 ensure compliance with Permit Condition 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.

[March 22, 2011]

22. **Production Monitoring**

- Each day that the HMA Dryer is operated, the permittee shall monitor and record the daily production to demonstrate compliance with the relevant daily production limit (Permit Conditions 10 and 41).
- Each month the permittee shall monitor and record the monthly and annual production of the HMA Dryer to demonstrate compliance with the relevant annual production limit (Permit Conditions 11 and 41). Annual production shall be determined by summing each monthly production total over the previous consecutive 12-calendar month period.
- For each mix when RAP is used as part of the aggregate, the permittee shall monitor and record the tons of RAP used and the tons of aggregate mixed with RAP to demonstrate compliance with the RAP aggregate limit (Permit Conditions 10 and 41).
- Each day that the HMA Dryer is operated, the permittee shall monitor and record the pressure drop across the air pollution control device once on a daily basis.

[March 22, 2011]

23. **Engine Location Monitoring**

The permittee shall maintain records of generator engine locations associated with the hot mix asphalt facility to ensure compliance with nonroad engine specifications (Permit Condition 15). The records shall include:

- A description of each location in which an engine is operated. The Portable Equipment Relocation Form may be used for the purposes of complying with this requirement (Permit Condition 29).
- For each location, the date any engine is located, relocated, or removed and the total time that all engines have operated at that location.

[March 22, 2011]

24. **Engine Operating Hours Monitoring**

Each day that GEN2 is operated, the permittee shall monitor and record the daily operating hours for GEN2 in hours per calendar day to demonstrate compliance with the GEN2 engine operating limit (Permit Condition 16).

[March 22, 2011]

25. **Setback Distance Monitoring**

Setback distance shall be defined as the minimum distance between each source listed in Table 1 and the established facility boundary (ambient air).

The permittee shall physically measure and record the minimum setback distance to demonstrate compliance with the setback distance limit (Permit Condition 10), except when operating at the Apple Street Yard. Setback distance shall be measured:

- Before initial startup of any emission source listed in Table 1.
- Each time any emissions source listed in Table 1 is relocated in accordance with IDAPA 58.01.01.500; and
- Each time an emissions source listed in Table 1 is moved in such a way that the setback distance of the emission source changes.

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 or 6 feet.

[March 22, 2011]

26. **Fuel Sulfur Content Monitoring**

On an as-received basis for each fuel oil shipment, the permittee shall maintain documentation of supplier verification of the following information to demonstrate compliance with Permit Conditions 17 and 18:

- ASTM grade or type of fuel oil
- Sulfur content in percent by weight

[March 22, 2011]

27. **Reprocessed Fuel Oil Monitoring**

On an as-received basis for each reprocessed fuel oil shipment, the permittee shall either maintain documentation of supplier verification of the following information or obtain a certification of analysis by a qualified laboratory verifying the following information to demonstrate compliance with Permit Condition 19:

- The name and address of the used oil supplier,
- The measured concentration, expressed as ppm, of each constituent listed in Table 5,
- 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 5,
- The sulfur content in percent by weight (as required by Permit Condition 26)
- The date and location of each sample
- The date of each certification analysis

[March 22, 2011]

28. **Odor Complaints**

The permittee shall maintain records of all odor complaints received to ensure compliance with Permit Condition 9. 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.

[March 22, 2011]

Relocation, Co-location, and Nonattainment Area Operation

29. **Relocation**

At least 10 days prior to relocation of any sources listed in Table 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, 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 web site.

[March 22, 2011]

30. **Co-location**

This facility may co-locate with up to one (1) rock crushing facility that is permitted by rule (PBR) in accordance with IDAPA 58.01.01.500 and IDAPA 58.01.01.794.01.

With the exception of one (1) PBR rock crushing facility, the emission sources listed in Table 1 may not co-locate with any other stationary source of emissions.

An emission source listed in Table 1 shall be defined as co-located:

- if the emission source is operating, and
- the distance between the emission source and another stationary source that is operating and not listed in Table 1 is less than 1,000 feet (305 meters).

To ensure compliance with this requirement, the permittee shall physically measure and record the minimum distance from each emission source listed in Table 1 to the nearest stationary source not listed in Table 1. This measurement shall be conducted and recorded each time the minimum setback distance changes or is required to be measured (as required by Permit Condition 25). Measurements greater than 1,100 feet may be recorded as >1,100 feet.

[March 22, 2011]

31. **PM_{2.5}/PM₁₀ Nonattainment Area Operation**

Except as specified for the Apple Street Yard (Permit Condition 44), the permittee shall not relocate and operate any source listed in Table 1 in any PM_{2.5} or PM₁₀ nonattainment area.

The location and boundaries of nonattainment areas in Idaho may be found at the DEQ website or by contacting DEQ (Permit Condition 39).

[March 22, 2011]

Performance Testing

32. **Periodic Performance Testing**

Performance testing on the Baghouse stack shall be performed within 180 days after permit issuance, and shall be performed no less than once every five years following the date of permit issuance.

The performance test shall measure the PM emission rate in grains per dry standard cubic feet, the PM₁₀ emission rate in pounds per hour, and the opacity to demonstrate compliance with the corresponding emission limits (Permit Conditions 5, 6, 7, and 40).

The performance test shall be conducted under worst-case normal operating conditions in accordance with IDAPA 58.01.01.157 and in accordance with the conditions of this permit (including Permit Conditions 5, 6, 7, 33, 34, 36, 40, and 50).

[March 22, 2011]

33. **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 RAP usage in tons per hour, once every 15 minutes;
- The type of fuel combusted in the HMA Dryer during the test.
- The sulfur content of the fuel combusted in the HMA Dryer during the test.

[March 22, 2011]

34. **Performance Testing Recordkeeping and Reporting**

Performance test reports shall include records of the required monitoring (Permit Condition 33) and documentation that the performance test was conducted in accordance with periodic performance testing requirements (Permit Condition 32). The permittee shall submit the performance test report to DEQ (Permit Condition 39) in accordance with the performance testing general provision (Permit Condition 50).

The permittee shall maintain a copy of the performance test results of the most recently conducted stack test on this HMA facility. This report shall be made available to DEQ representatives upon request.

[March 22, 2011]

35. **Opacity and Visible Emissions Testing**

The permittee shall conduct a visible emissions evaluation on the HMA facility stack within 15 days of startup after relocation, in accordance with the procedures in IDAPA 58.01.01.625.

[March 22, 2011]

36. **Test Methods and Procedures**

For any required testing, the permittee shall use the following test methods:

TABLE 6 TEST METHODS

Pollutant	Test Method ^a	Special Conditions
PM ₁₀	EPA Method 201.a EPA Method 202	
PM grain loading	EPA Method 5	The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).
Opacity	EPA Method 9 and IDAPA 58.01.01.625	The observer shall be certified in accordance with EPA Method 9 and holding a valid certification.

a) Or DEQ-approved alternative in accordance with IDAPA 58.01.01.157.

[March 22, 2011]

Incorporation of Federal Requirements by Reference

37. 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 for the purposes of the reference, including any notes and appendices therein. Documents include, but are not limited to:

- Standards of Performance of New Stationary Sources (NSPS), 40 CFR 60, including:
 - Subpart I – Standards of Performance for Hot Mix Asphalt Plants

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.

[March 22, 2011]

40 CFR 60, Subpart A - General Provisions

38. 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 7.

TABLE 7 SUMMARY OF 40 CFR 60, SUBPART A – GENERAL PROVISIONS

Section	Subject	Summary of Section Requirements
60.4	Address	<ul style="list-style-type: none"> All requests, reports, applications, submittals, and other communications associated with 40 CFR 60, Subpart I shall be submitted to the address provided in the DEQ address permit condition (Permit Condition 39). All requests, reports, applications, submittals, and other communications associated with 40 CFR 60, Subpart A shall be submitted to the following address and to the address provided in the DEQ address permit condition (Permit Condition 39): Director Air and Waste EPA Region 10 Air Operating Permits, OAQ-107 1200 Sixth Avenue Seattle, WA 98101
60.7(a), (b), and (l)	Notification and Recordkeeping	<ul style="list-style-type: none"> Notification shall be furnished of commencement of construction or reconstruction 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 continuous monitoring system (CMS) or monitoring device is inoperative. Records shall be maintained, in a permanent form suitable for inspection, of all measurements, performance evaluations, calibration checks, adjustments and maintenance performed, and all other required information. Records shall be maintained for a period of two years following the date of such measurements, maintenance, reports, and records.
60.7(a), (c), (d), (e), and (f)	Notification and Recordkeeping (CMS)	<ul style="list-style-type: none"> Notification shall be furnished of the date upon which demonstration of the CMS performance commences. Excess emissions and monitoring systems performance reports shall be submitted semiannually and in accordance with the semiannual monitoring reports general provision. Reports shall contain the information and be in the format specified in 40 CFR 60.7(c) and (d). Records of continuous emission monitoring system (CEMS) subhourly measurements shall be maintained in accordance with the requirements of 40 CFR 60.7(f). In lieu of maintaining a file of all CEMS subhourly measurements, the most recent consecutive three averaging periods of subhourly measurements and a file that contains a hard copy of the data acquisition system algorithm used to reduce the measured data into the reportable form of the standard shall be maintained.
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 than 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 permittee 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.
60.11(b), (c), and (e)	Compliance with Standards and Maintenance Requirements (Opacity)	<ul style="list-style-type: none"> Compliance with opacity standards shall be determined by Method 9 in Appendix A to 40 CFR 60. The permittee may elect to use continuous opacity monitoring system (COM) measurements in lieu of Method 9, provided notification is made at least 30 days before the performance test. The opacity standards shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided. Opacity observations shall be conducted concurrently with the initial performance test required in 40 CFR 60.8 in accordance with the requirements and exceptions in 40 CFR 60.11(e).
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.
60.13	Monitoring Requirements (CMS)	<ul style="list-style-type: none"> All CMS and monitoring devices shall be installed and operational prior to conducting performance tests required by 40 CFR 60.8. A performance evaluation of the COMS or CEMS shall be conducted before or during any performance test and a written report of the results of the performance evaluation furnished. Reporting requirements include submitting performance evaluation reports within 60 days of the evaluations required, and submitting results of the performance evaluations for the COM within 10 days before a performance test, if using a COM to determine compliance with opacity during a performance test instead of Method 9. The zero and span calibration drifts must be checked at least once daily and adjusted in accordance with the requirements in 40 CFR 60.13(d). The zero and upscale (span) calibration drifts of COMS must be automatically, intrinsic to the opacity monitor, checked at least once daily. Except for system breakdowns, repairs, calibration checks, and zero and span adjustments, all CMS shall be in continuous operation and shall meet minimum frequency of operation requirements as specified in 40 CFR 60.13(e). All CMS or monitoring devices shall be installed such that representative measurements of emissions or process parameters from the affected facility are obtained. CMS shall be located and installed in accordance with the requirements in 40 CFR 60.13(f) and (g). Data shall be reduced and computed in accordance with the procedures in 40 CFR 60.13(h), (i), and (j).
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 of 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	<ul style="list-style-type: none"> 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.

[March 22, 2011]

DEQ Address

39. All requests, reports, applications, submittals, certifications, and other communications required by this permit shall be submitted to:

Air Quality Permit Compliance
Department of Environmental Quality
Boise Regional Office
1445 N. Orchard St.
Boise, Idaho 83706

phone: (208) 373-0550 fax: (208) 373-0287

[March 22, 2011]

APPLE STREET YARD

The permittee shall comply with the following conditions when the HMA plant is operated at 5040 South Apple Street. Unless otherwise specified in Permit Conditions 40 through 44, the permittee shall also comply with the requirements in the Statewide Requirements section when the HMA plant is operated at 5040 South Apple Street.

Emission Limits

40. **Emission Limits**

When operating at 5040 South Apple Street, the permittee shall comply with the following limits instead of the statewide emission limits (Permit Condition 6):

- The emissions from the HMA Dryer stack and generator stack(s) shall not exceed any corresponding emission rate limits listed in Table 8.

TABLE 8 HMA DRYER EMISSION LIMITS^a

Source Description	PM ₁₀ ^b		CO	NO _x	SO ₂	Formaldehyde	
	lb/hr ^c	T/yr ^d	T/yr ^d	T/yr ^d	T/yr ^d	lb/hr ^c	T/yr ^d
HMA Dryer stack	9.2	14.9	84.0	35.6	7.1	1.24	0.959
HMA Dryer stack Co-located	9.2	7.4	42.0	17.8	3.6	1.24	0.48
Generator stack(s)	1.09	1.76	15.0	56.3	8.9		
Generator stack(s) Co-located	1.09	0.9	7.5	28.1	4.4		

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

[March 22, 2011]

Operating Requirements

41. **Production and Setback Distance Limits**

When operating at 5040 South Apple Street, the permittee shall comply with the following limits instead of the statewide production and setback limits (Permit Condition 10):

- The daily and annual production rates of the hot mix asphalt plant shall not exceed the limits in Table 9.

TABLE 9 APPLE STREET YARD PRODUCTION LIMITS AND SETBACKS

Production Limits	
T/day ^a	T/yr ^b
9,600	309,366

a) T/day is tons of material processed per calendar day.

b) T/yr is tons of material processed per consecutive 12-calendar month period, and is the total material processed for all operating scenarios combined.

- The HMA plant shall process only aggregate, asphalt cement, and/or recycled asphalt cement (RAP) as raw materials. RAP used as part of the aggregate shall not exceed 50 percent by weight of the aggregate.

[March 22, 2011]

42. **GEN1 Engine Operating Limit**

The GEN1 engine shall not be operated at 5040 South Apple Street.

[March 22, 2011]

Co-location and Nonattainment Area Operation

43. **Co-location**

When operating at 5040 South Apple Street, the permittee shall comply with the following limit instead of complying with the statewide co-location requirements (Permit Condition 30):

- The HMA facility may only co-locate 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 co-location.

[March 22, 2011]

44. **PM_{2.5}/PM₁₀ Nonattainment Area Operation**

With regard to nonattainment area operation, the permittee is not restricted by this permit from operating any sources listed in Table 1 at 5040 South Apple Street.

[March 22, 2011]

PERMIT TO CONSTRUCT GENERAL PROVISIONS

General Compliance

45. 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.]**
46. 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]**
47. 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

48. Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:
- 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;
 - Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
 - Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
 - 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

49. The permittee shall furnish DEQ written notifications as follows in accordance with IDAPA 58.01.01.211:
- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then notification shall be made within five working days after occurrence or within five working days after permit issuance whichever is later;
 - A notification of the date of any suspension of construction, if such suspension lasts for one year or more;
 - 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; and
 - A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date.

Performance Testing

50. 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, at its option, may 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

51. 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]

Excess Emissions

52. 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

53. 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

54. 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

55. 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

56. 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

57. 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 58.01.01.211, 5/1/94]