



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

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

Dirk Kempthorne, Governor  
C. Stephen Allred, Director

December 18, 2001

**CERTIFIED MAIL #7000 1530 0005 5348 5318**

Mr. Corky Witherwax  
Environmental Manager  
Interstate Concrete and Asphalt  
845 W. Kathleen Ave.  
Coeur d'Alene, ID 83815

RE: P-010112, Interstate Concrete and Asphalt, Portable  
(Portable Concrete Batch Plant, Permit to Construct No. 777-00293)

Dear Mr. Witherwax:

The Idaho Department of Environmental Quality (Department) received your permit to construct (PTC) application October 17, 2001, for a portable concrete batching facility to be initially located in Osburn, Idaho. Based on review of the application and all applicable state and federal rules and regulations, the Department finds that this project meets the provisions of IDAPA 58.01.01.200, *Rules for the Control of Air Pollution in Idaho*. Enclosed is PTC number 777-00293 for the portable concrete batch plant.

Complete and submit to the Department the enclosed Portable Equipment Registration and Relocation form at least ten days prior to relocation of any equipment covered by this permit. A map of all nonattainment areas within Idaho is also enclosed.

This permit does not release Interstate Concrete and Asphalt from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances. With regard to collocation with another portable facility, conservative assumptions were used to derive the throughput limitations. If this throughput is too restrictive for a particular project, contact the Department prior to collocation and request a detailed site-specific analysis.

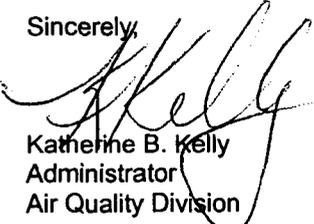
The reporting requirements contained in Paragraph E of the General Provisions section of the permit must be met to properly track the progress of the permit. Please refer to the appropriate permit number when submitting reports required in the Reporting Requirements section of the permit.

Tom Harman of the Coeur d'Alene Regional Office will contact you regarding a meeting with the Department to discuss the permit terms and requirements. The Department recommends attendance of your facility's plant manager, responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions.

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

If you have any questions, please call Dan Salgado at 373-0502.

Sincerely,

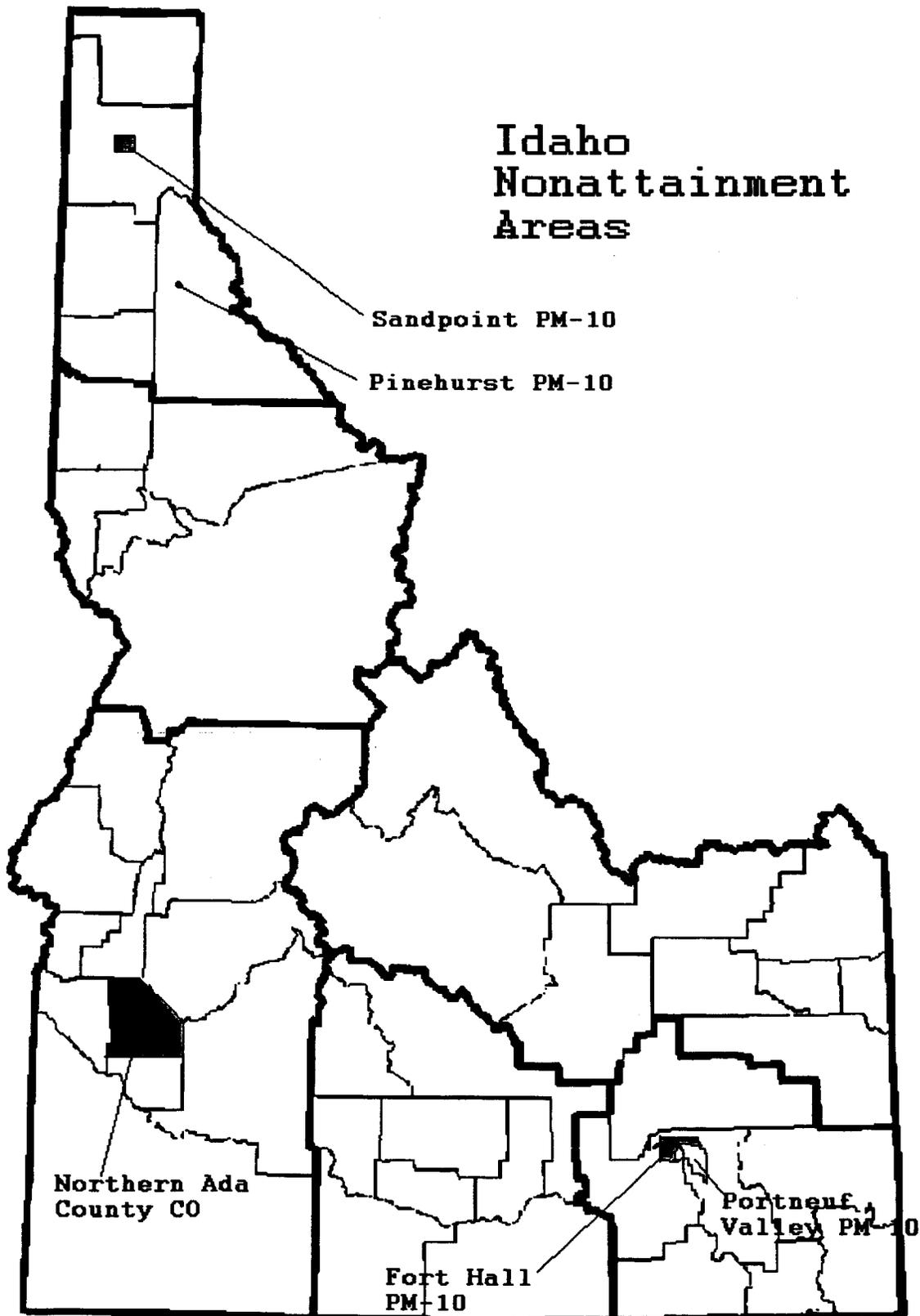


Katherine B. Kelly  
Administrator  
Air Quality Division

KK/TH/tk P I D G:\AIR PERMITS\CRO\FINAL\INTERSTATE CONCRETE & ASPHALT\P-010112 PERMIT LETTER.DOC  
Enclosures

cc: Tom Harman, Coeur d'Alene Regional Office Laurie Kral, EPA Region 10  
Belinda McFarland, Technical Services

# Idaho Nonattainment Areas





IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY  
**PORTABLE EQUIPMENT REGISTRATION AND RELOCATION FORM**

COMPANY NAME: \_\_\_\_\_ PHONE NO.: \_\_\_\_\_

COMPANY MAILING ADDRESS: \_\_\_\_\_  
\_\_\_\_\_

NAME OF CONTACT PERSON: \_\_\_\_\_

Phone number (if different from above): \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

PLANT TYPE (i.e., mfr. name, model no., etc.): \_\_\_\_\_

PERMIT TO CONSTRUCT OR OPERATING PERMIT NO.: \_\_\_\_\_ ISSUE DATE: \_\_\_\_\_

CURRENT PLANT LOCATION: \_\_\_\_\_

NEW PLANT LOCATION: \_\_\_\_\_

ESTIMATED DATES OF OPERATION AT NEW LOCATION (Month/Day/Year):

Startup: \_\_\_\_\_ End: \_\_\_\_\_

FUEL TYPE: \_\_\_\_\_

Have any major components of the plant or its air pollution control equipment been replaced or modified since the plant last operated?  No  Yes (If yes, explain below:)  
\_\_\_\_\_  
\_\_\_\_\_

Will the Plant be collocated with another rock crushing, concrete batch, or hot-mix asphalt plant at the new plant location?  No  Yes (If yes, provide the following regarding the other plant:)

Name of the other company: \_\_\_\_\_

Type of plant:  Crusher  Hot-Mix Asphalt  Concrete Batch

The Idaho Air Quality Permit Number and Date for the other plant:  
\_\_\_\_\_

If plant will be operated in conjunction with a contract with the state of Idaho, please specify:

Contract No.: \_\_\_\_\_

State of Idaho Contact Person: \_\_\_\_\_ Phone No.: \_\_\_\_\_  
\_\_\_\_\_

**THIS FORM MUST BE SUBMITTED TEN (10) DAYS BEFORE PLANT IS RELOCATED.**

**A scaled plot plan identifying the property boundary of the new site must be included with this form.**

**Mail to: PERF Processing Unit  
Idaho DEQ - Air Quality  
1410 North Hilton  
Boise, Idaho 83706-1255**



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

**PERMIT NO.:** 777-00293  
**AQCR:** CLASS: B  
**SIC:** 3273 ZONE:  
**UTM COORDINATE (km):**

**1. PERMITTEE**  
 Interstate Concrete and Asphalt

**2. PROJECT**  
 Portable Concrete Batch Plant

<b>3. MAILING ADDRESS</b> 845 W Kathleen Ave	<b>CITY</b> Coeur d'Alene	<b>STATE</b> Idaho	<b>ZIP</b> 83815
<b>4. FACILITY CONTACT</b> Corky Witherwax	<b>TITLE</b> Environmental Manager	<b>TELEPHONE</b> (208) 765-1144	
<b>5. RESPONSIBLE OFFICIAL</b> Corky Witherwax	<b>TITLE</b> Environmental Manager	<b>TELEPHONE</b> (208) 765-1144	
<b>6. EXACT PLANT LOCATION</b> Portable		<b>COUNTY</b>	

**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**  
 Concrete Production (Including aggregate, asphalt and concrete production when collocated)

**8. GENERAL CONDITIONS**  
 This permit is issued according to IDAPA 58.01.01.200 (*Rules for the Control of Air Pollution in Idaho*), and pertains only to emissions of air contaminants that are regulated by the state of Idaho and to the sources specifically allowed to be constructed by this permit.

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

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

This permit has been granted on the basis of design information presented with its application. Changes of design or equipment may require Department approval pursuant to the *Rules for the Control of Air Pollution in Idaho*, IDAPA 58.01.01.200, et seq.

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

**DATE ISSUED:** DECEMBER 18, 2001

Permittee: INTERSTATE CONCRETE AND ASPHALT  
Location: PORTABLE

Date Issued: DECEMBER 18, 2001

**SOURCE: Portable Concrete Batch Plant**

**1. STATEWIDE REQUIREMENTS**

The permittee shall comply with the following sourcewide conditions when the concrete batching facility is operated anywhere (nonattainment, attainment, or unclassifiable areas) within the state of Idaho.

**1.1 EMISSION LIMITS**

**1.1.1 Opacity Limit**

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

**1.1.2 Visible Emission Limits at Property Boundary**

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

**1.2 OPERATING REQUIREMENTS**

**1.2.1 Reasonable Control of Fugitive Emissions**

All reasonable precautions shall be taken to prevent particulate matter from becoming airborne as required in IDAPA 58.01.01.651. In determining what is reasonable, considerations will be given to factors such as the proximity of dust-emitting operations to human habitations and/or activities and atmospheric conditions which might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:

1.2.1.1 Use, where practical, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of lands;

1.2.1.2 Application, where practical, of asphalt, oil, water or suitable chemicals to, or covering of dirt roads, material stockpiles, and other surfaces which can create dust;

1.2.1.3 Installation and use, where practical, of hoods, fans, and fabric filters or equivalent systems to enclose and vent the handling of dusty materials. Adequate containment methods should be employed during sandblasting or other operations;

1.2.1.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;

1.2.1.5 Paving of roadways and their maintenance in a clean condition, where practical; or

1.2.1.6 Prompt removal of earth or other stored material from streets, where practical.

**1.2.2 Operations and Maintenance Manual Requirements**

Within 60 days after startup, the permittee shall have developed an Operations and Maintenance (O&M) Manual for the air pollution control device which describes the procedures that shall be followed to comply with

**AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00293**

**Permittee:** INTERSTATE CONCRETE AND ASPHALT  
**Location:** PORTABLE

**Date Issued:** DECEMBER 18, 2001

**SOURCE: Portable Concrete Batch Plant**

General Provision B and the air pollution control device requirements contained in this permit. The manual shall remain onsite at all times and shall be made available to Department representatives upon request.

**1.2.3 Monitoring Equipment**

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

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

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

**1.3. MONITORING AND RECORDKEEPING REQUIREMENTS**

**1.3.1 Operating Parameters**

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

**1.3.1.1** Pressure drop reading across the air pollution control device once per week.

**1.3.1.2** Concrete production in cubic yards per day (cy/day) and cubic yards per month (cy/mo).

**1.3.2 Reasonable Control Measures**

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

**1.3.3 Monitor Generator Hours of Operation**

The permittee shall monitor and record the generator hours of operation on a daily basis if generator hours of operation are limited in sections 2, 3, or 4 of this permit. A compilation of the most recent two years of data shall be kept onsite, in a log, and shall be made available to Department representatives upon request.

**1.4. REPORTING REQUIREMENTS**

**1.4.1 Relocation**

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

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**Location:** PORTABLE

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PERF Processing Unit  
Idaho DEQ - Air Quality  
1410 North Hilton  
Boise, ID 83706-1255

1.4.2 Certification of Documents

All documents, including, but not limited to, application forms for permits to construct, monitoring data, supporting information, requests for confidential treatment, testing reports, and compliance certifications submitted to the Department shall contain a certification by a responsible official in accordance with IDAPA 58.01.01.123. The certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document(s) are true, accurate, and complete.

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**SOURCE: Portable Concrete Batch Plant**

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

The permittee shall comply with the conditions in Section 1 of this permit and the following permit conditions when the concrete batching facility is operated in any attainment or unclassifiable areas, and when it is not collocated, within the state of Idaho.

**2.1 OPERATING REQUIREMENTS**

**2.1.1 Facility Throughput Limits**

The production rate of the concrete batching facility shall not exceed a maximum of 525,600 cubic yards per any consecutive 12-month period (cy/yr) while operating in any attainment or unclassifiable area.

**2.1.2 Collocation Requirements**

When the concrete batching facility is to be collocated with another portable concrete batch plant, rock crushing plant, or hot-mix asphalt plant; the collocation requirements of Section 3 of this permit must be complied with.

**2.1.3 Generator Hours of Operation**

The generator(s) may operate unlimited hours. Therefore, no monitoring or recordkeeping is required when operating in any attainment or unclassifiable area.

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**Location:** PORTABLE

**Date Issued:** DECEMBER 18, 2001

**SOURCE: Portable Concrete Batch Plant**

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

The permittee shall comply with the conditions in Section 1 of this permit and the following permit conditions when the concrete batching facility is to be collocated with another portable concrete batch plant, rock crushing plant, or hot-mix asphalt plant within the state of Idaho. The concrete batching facility may only collocate with either one portable rock crushing plant, one portable hot-mix asphalt plant, or one other portable concrete batch plant which has been permitted to specifically allow collocation.

**3.1 OPERATING REQUIREMENTS**

**3.1.1 Collocation Areas**

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

**3.1.2 Number of Portable Sources**

The concrete batching facility may only collocate with either one portable rock crushing plant, one portable hot-mix asphalt plant, or one other portable concrete batch plant which has been permitted to specifically allow collocation.

**3.1.3 Facility Throughput Limits**

The production rate of the concrete batching facility shall not exceed a maximum of 262,800 cy/yr when collocated with another concrete batch plant, rock crushing plant, or hot-mix asphalt plant.

**3.1.4 Generator Hours of Operation**

The generator(s) shall not be operated more than 4,380 hours per consecutive 12-month period (hr/yr) when collocated with another concrete batch plant, rock crushing plant, or hot-mix asphalt plant.

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**Location:** PORTABLE

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**SOURCE: Portable Concrete Batch Plant**

**4. NONATTAINMENT AREA REQUIREMENTS**

The permittee shall comply with the conditions in Section 1 of this permit and the following permit conditions when the concrete batching facility is operated in any particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers ( $PM_{10}$ ) nonattainment areas within the state of Idaho. While operating the concrete batching facility under the conditions set forth in Section 4, the concrete batching facility may not collocate with any other facility.

**4.1 OPERATING REQUIREMENTS**

**4.1.1 Facility Throughput Limits**

The production rate of the concrete batching facility shall not exceed a maximum of 467 cy/day. In addition, the production rate of the concrete batching facility shall not exceed a maximum of 170,438 cy/yr when operating in any  $PM_{10}$  nonattainment area or proposed  $PM_{10}$  nonattainment area.

**4.1.2 Collocation Requirements**

The concrete batching facility shall not be collocated with another portable concrete batch plant, rock crushing plant, or hot-mix asphalt plant when located in any  $PM_{10}$  nonattainment area or proposed  $PM_{10}$  nonattainment area.

**4.1.3 Generator Hours of Operation**

The generator(s) shall not be operated more than 2841 hr/yr when operating in any  $PM_{10}$  nonattainment area or proposed  $PM_{10}$  nonattainment area. The generator(s) shall not be operated more than 7 hr/day when operating in any  $PM_{10}$  nonattainment area or proposed  $PM_{10}$  nonattainment area.

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**Location:** PORTABLE

**Date Issued:** DECEMBER 18, 2001

**SOURCE: Portable Concrete Batch Plant**

**PERMIT TO CONSTRUCT GENERAL PROVISIONS**

1. All emissions authorized herein shall be consistent with the terms and conditions of this permit and the *Rules for the Control of Air Pollution in Idaho*. The emission of any pollutant in excess of the limitations specified herein, or noncompliance with any other condition or limitation contained in this permit, shall constitute a violation of this permit, and the *Rules for the Control of Air Pollution in Idaho*, and the Environmental Protection and Health Act, Idaho Code 39-101, et seq.
2. The permittee shall at all times (except as provided in the *Rules for the Control of Air Pollution in Idaho*) maintain in good working order and operate as efficiently as practicable, all treatment or control facilities or systems installed or used to achieve compliance with the terms and conditions of this permit and other applicable Idaho laws for the control of air pollution.
3. The permittee shall allow the Director, and/or the authorized representative(s), upon the presentation of credentials:
  1. To enter at reasonable times upon the premises where an emission source is located, or in which any records are required to be kept under the terms and conditions of this permit; and
  2. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring methods required in this permit, and require stack emission testing in conformance with IDAPA 58.01.01.157 when deemed appropriate by the Director.
4. Nothing in this permit is intended to relieve or exempt the permittee from compliance with any applicable federal, state, or local law or regulation, except as specifically provided herein.
- E. The permittee shall notify the Department, in writing, of the required information for the following events within five working days after occurrence:
  1. Initiation of Construction - Date
  2. Completion/Cessation of Construction - Date
  3. Actual Production Startup - Date
  4. Initial Date of Achieving Maximum Production Rate - Production Rate and Date
- F. If emission testing is specified, the permittee must schedule such testing within 60 days after achieving the maximum production rate, but not later than one hundred and eighty (180) days after initial startup. Such testing must **strictly** adhere to the procedures outlined in IDAPA 58.01.01.157 and shall not be conducted on weekends or state holidays without prior written approval from the Department. Testing procedures and specific time limitations may be modified by the Department by prior negotiation if conditions warrant adjustment. The Department shall be notified at least 15 days prior to the scheduled compliance test. Any records or data generated as a result of such compliance test shall be made available to the Department upon request.

The maximum allowable operating rate shall be limited to 120% of the average operating rate attained during any performance test period, for which a test protocol has been granted prior approval by the Department, unless (1) the test demonstrates noncompliance; (2) a more restrictive operating limit is specified elsewhere in this permit; or (3) at such an operating rate, emissions would exceed any emission limit(s) set forth in this permit.

- G. The provisions of this permit are severable, and if any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.