



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

Dirk Kempthorne, Governor
C. Stephen Allred, Director

August 12, 2002

HAND DELIVERED

Mike Burke, Project Manager
Concrete Placing Co., Inc.
6451 W. Gowen Road
Boise, ID 83709

RE: AIRS Facility No. 777-00307 Concrete Placing Co., Inc.
(Portable Concrete Batch Plant, Permit to Construct)

Dear Mr. Burke:

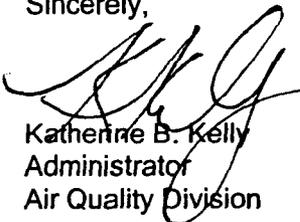
The Department of Environmental Quality (Department) is issuing Permit to Construct (PTC) No. 777-00307 for Concrete Placing Co. Inc. in accordance with IDAPA 58.01.01.200 through 223, *Rules for the Control of Air Pollution in Idaho*. The enclosed PTC is effective immediately and is based on information in your application received April 25, 2002.

This permit does not release Concrete Placing Co. Inc. from compliance with all other applicable federal, state, or local laws, regulations, permits, and ordinances. Copies of the Portable Equipment Registration and Relocation Form and maps showing all nonattainment areas within Idaho are also enclosed. The form must be submitted to the Department at least 10 days prior to the relocation of any equipment covered by this permit.

Matt Stoll of the Boise Regional Office will contact you regarding a meeting with the Department to discuss the permit terms and requirements. In addition to your facility plant managers, the Department recommends that the following representatives of your firm also attend this meeting: responsible officials, environmental contacts, and any operations staff responsible for day-to-day compliance with permit conditions.

You, as well as any other entity, have the right to appeal this final agency action pursuant to IDAPA 58.01.23, *Rules of Administrative Procedure Before the Board of Environmental Quality*. A petition may be filed with the Hearings Coordinator, Department of Environmental Quality, 1410 N. Hilton, Boise, ID 83706-1255 within 35 days of the date of this decision. However, prior to filing a petition for a contested case, the Department encourages you to contact Dan Salgado, New Source Review Coordinator, at (208) 373-0431 to address any concerns you may have with the enclosed permits.

Sincerely,



Katherine B. Kelly
Administrator
Air Quality Division

KK/DH/bh Project Nos. P-020013 G:\AIR PERMITS\PTC\CONCRETE PLACING\P-020013 LETTER.DOC

Enclosures

cc: Joan Lechtenberg, Air Quality Division
Matt Stoll, Boise Regional Office

Laurie Kral, EPA Region 10
Sherry Davis, Technical Services



**Air Quality
PERMIT TO CONSTRUCT**

State of Idaho
Department of Environmental Quality

PERMIT NO.: 777-00307

CLASS: SM

SIC: 3273

1. PERMITTEE
Concrete Placing Co., Inc.

2. PROJECT
Portable Concrete Batch Plant

3. MAILING ADDRESS 6451 W. Gowen Road	CITY Boise	STATE Idaho	ZIP 83709
---	----------------------	-----------------------	---------------------

4. FACILITY CONTACT Mike Burke	TITLE Project Manager	TELEPHONE (208) 362-2100
--	---------------------------------	------------------------------------

5. RESPONSIBLE OFFICIAL John Ferguson	TITLE President	TELEPHONE (208) 362-2100
---	---------------------------	------------------------------------

6. EXACT PLANT LOCATION Portable	COUNTY Portable
--	---------------------------

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS
Concrete Manufacturing

8. GENERAL CONDITIONS

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

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

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

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

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

DATE ISSUED: August 12, 2002

ACRONYMS, UNITS, AND CHEMICAL NOMENCLATURE

cy/day	cubic yards per day
cy/mo	cubic yards per month
cy/yr	cubic yards per consecutive 12-month period
Department	Department of Environmental Quality
HMA	hot-mix asphalt
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
O&M	Operations and Maintenance
PM ₁₀	Particulate Matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
SIC	Standard Industrial Classification

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00307

Permittee: Concrete Placing Co., Inc.
Location: Portable

Date Issued: August 12, 2002

1. STATEWIDE REQUIREMENTS

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

Emissions Limits

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. Opacity shall be determined using the procedures contained in IDAPA 58.01.01.625.

[IDAPA 58.01.01.625]

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.

[IDAPA 58.01.01.211]

Operating Requirements

1.3 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 that might affect the movement of particulate matter. Some of the reasonable precautions include, but are not limited to, the following:

- 1.3.1 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.
- 1.3.2 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.
- 1.3.3 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.
- 1.3.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts.
- 1.3.5 Paving of roadways and their maintenance in a clean condition, where practical.
- 1.3.6 Prompt removal of earth or other stored material from streets, where practical.

[IDAPA 58.01.01.651]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00307

Permittee: Concrete Placing Co., Inc.
Location: Portable

Date Issued: August 12, 2002

1.4 Operations and Maintenance Manual Requirements

Within 60 days after startup, the permittee shall have developed an O&M manual for the air pollution control device that describes the procedures that shall be followed to comply with General Provision 2 and the air pollution control device requirements contained in this permit. The manual shall remain onsite at all times and shall be made available to Department representatives upon request.

[IDAPA 58.01.01.211]

1.5 Monitoring Equipment

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

[IDAPA 58.01.01.211]

1.6 Pressure Drop Across Air Pollution Control Device

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

[IDAPA 58.01.01.211]

Monitoring and Recordkeeping Requirements

1.7 Operating Parameters

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

- Pressure drop reading across the air pollution control device once per week.
- Concrete production in cubic yards per day and cubic yards per month.

[IDAPA 58.01.01.211]

1.8 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 records shall be kept onsite and shall be made available to Department representatives upon request.

[IDAPA 58.01.01.211]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00307

Permittee: Concrete Placing Co., Inc.
Location: Portable

Date Issued: August 12, 2002

Reporting Requirements

1.10 Relocation

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

PERF Processing Unit
Idaho Department of Environmental Quality
Air Quality Division
1410 North Hilton
Boise, ID 83706-1255

[IDAPA 58.01.01.500]

1.11 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.

[IDAPA 58.01.01.123]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00307

Permittee: Concrete Placing Co., Inc.
Location: Portable

Date Issued: August 12, 2002

2. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN NOT COLLOCATED

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

Operating Requirements

2.1 Facility Throughput Limits

The production rate of the concrete-batching facility shall not exceed a maximum of 9,600 cy/day. In addition, the production rate of the concrete-batching facility shall not exceed a maximum of 3,120,000 cy/yr when operating in any attainment or unclassifiable area.

[IDAPA 58.01.01.211]

2.2 Collocation Requirements

When the concrete-batching facility is to be collocated with another portable concrete batch plant, rock-crushing plant, or HMA plant, the collocation requirements of Permit Condition 3 must be complied with.

[IDAPA 58.01.01.211]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00307

Permittee: Concrete Placing Co., Inc.
Location: Portable

Date Issued: August 12, 2002

3. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN COLLOCATED

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

Operating Requirements

3.1 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.

[IDAPA 58.01.01.211]

3.2 Number of Portable Sources

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

[IDAPA 58.01.01.211]

3.3 Facility Throughput Limits

The production rate of the concrete-batching facility shall not exceed a maximum of 7,600 cy/day. In addition, the production rate of the concrete-batching facility shall not exceed a maximum of 2,036,000 cy/yr when collocated with another concrete batch plant, rock-crushing plant, or HMA plant.

[IDAPA 58.01.01.211]

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00307

Permittee: Concrete Placing Co., Inc.
Location: Portable

Date Issued: August 12, 2002

4. NONATTAINMENT AREA REQUIREMENTS

4.1 Facility Throughput Limits

The production rate of the concrete-batching facility shall not exceed a maximum of 1,520 cy/day. In addition, the production rate of the concrete-batching facility shall not exceed a maximum of 203,600 cy/yr when operating in any PM₁₀ nonattainment area or proposed PM₁₀ nonattainment area.

4.2 Collocation Requirements

The concrete-batching facility shall not be collocated with another portable concrete batch plant, rock-crushing plant, or HMA plant when located in any PM₁₀ nonattainment area or proposed PM₁₀ nonattainment area.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00307

Permittee: Concrete Placing Co., Inc.
Location: Portable

Date Issued: August 12, 2002

5. PERMIT TO CONSTRUCT GENERAL PROVISIONS

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

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: 777-00307

Permittee: Concrete Placing Co., Inc.

Date Issued: August 12, 2002

Location: Portable

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