



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

224 South Arthur • Pocatello, Idaho 83204-3202 • (208) 236-6160

Dirk Kempthorne, Governor  
C. Stephen Allred, Director

**February 1, 2001**

**CERTIFIED MAIL # 7000 0520 0022 1060 8609**

**Alan Tyson  
Superintendent  
Castle Concrete Company, Inc.  
2300 North Main Street  
Pocatello, ID 83201**

**RE: Castle Concrete Company Inc., Portable/Blackfoot P-000345  
(Portable Concrete Batch Plant, Permit to Construct No. 777-00144)**

**Dear Mr. Tyson:**

**On January 30, 2001, the Idaho Department of Environmental Quality (DEQ) received a Permit to Construct (PTC) request from Castle Concrete Company, Inc. for a portable concrete batching facility. Castle Concrete Company, Inc. has purchased the facility from Monroc. The facility is currently located at Blackfoot, Idaho. Based on review of the application and all applicable state and federal rules and regulations, DEQ finds that this project meets the provisions of IDAPA 16.01.01.200 (*Rules for the Control of Air Pollution in Idaho*). Enclosed is modified PTC No. 777-00144 for the portable concrete batching facility, which supersedes the previously issued PTC No. 777-00144.**

**This permit does not release the Permittee from compliance with all other applicable federal, state, local, or tribal laws, regulations, 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 DEQ prior to collocation and request a detailed site-specific analysis.**

**You are strongly encouraged to request a meeting with DEQ to discuss the permit terms and requirements with which your facility must comply. Mr. Rick Elkins of the Pocatello Regional Office will contact you regarding this meeting. DEQ strongly recommends that in addition to your facility's plant manager, your responsible official, environmental contact, and any operations staff responsible for day-to-day compliance with permit conditions also attend the meeting.**

**You, as well as any other entity, may have the right to appeal this final agency action pursuant to the Idaho Department of Health and Welfare Rules, Title 5, Chapter 3, "Rules Governing Contested Case Proceedings and Declaratory Rulings," by filing a petition with the Hearings Coordinator, Department of Health and Welfare, Administrative Procedures Section, 450 West State Street, Tenth Floor, Boise, Idaho 83720-5450, within thirty-five (35)**

days of the date of this decision. However, DEQ encourages you to contact the State Air Quality Permit Program to address any concerns you may have with the enclosed permit prior to filing a petition for a contested case.

If you have any questions regarding the terms or conditions of the enclosed permit, contact Rick Elkins, at (208) 236-6160.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark Dietrich', written over a horizontal line.

**Mark Dietrich  
Regional Administrator  
Pocatello Regional Office**

**cc: DEQ State Office  
Marilyn Seymore  
EPA Region 10  
Pocatello Regional Office**

Jan. 29, 2000  
Rick Elkins  
Department of Environmental Quality

Mr. Elkins,

I, Alan E. Tyson, representing Castle Concrete Company Inc., submit this request for name change on permits # 777-00143 and # 777-00144, established on July 24, 2000 by Monroc Inc. Monroc Inc, has ceased their operations in SouthEast Idaho with whom i have been employed for nearly twelve years. Castle Concrete Company Inc. has purchased the Monroc Pocatello and Blackfoot operations and has asked me to be General Manager. Please accept my request for transfer with you on these permits. As before with Monroc, i am pleased to work with you on any questions or concerns regarding operations of our business as well as future business.

You may reach me personally at work-233-4151  
mobile-680-2064  
or at home-785-6994

Thank You

Castle Concrete Company Inc.  
Alan E. Tyson  
*Alan E. Tyson*  
2300 North Main  
Pocatello, Idaho  
83204-2405

STATE OF IDAHO

PERMIT TO CONSTRUCT  
AN AIR POLLUTION  
EMITTING SOURCE

PERMIT NUMBER

7 7 7 - 0 0 1 4 4

AQCR

CLASS

B

SIC

3 2 7 3

ZONE

UTM COORDINATE (km)

1. PERMITTEE

Castle Concrete Company, Inc.

2. PROJECT

Portable Concrete Batch Plant

3. MAILING ADDRESS

2300 North Main Street

CITY

Pocatello

STATE

Idaho

ZIP CODE

83201

4. SITE LOCATION COUNTY

Portable

NO. OF FULL-TIME EMPLOYEES

6

PROPERTY AREA AT SITE (Acreage)

Varies

5. PERSON TO CONTACT

Alan Tyson

TITLE

Plant Manager

TELEPHONE

(208) 233-4151

6. EXACT PLANT LOCATION

Portable

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 the *Rules for the Control of Air Pollution in Idaho*, Section 16.01.01.200, 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 (DEQ) 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, 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 16.01.01.200, et.seq.

REGIONAL ADMINISTRATOR, POCATELLO REGIONAL OFFICE  
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE: February 1, 2001

**PERMIT TO CONSTRUCT  
PERMITTEE, PROJECT, AND LOCATION**

**PERMIT NUMBER**

Monroc, Incorporated  
Concrete Batch Plant  
Portable

7 7 7 - 0 0 1 4 4

**SOURCE**

Portable Concrete Batch Plant

**A. 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.

**A.1 EMISSION LIMITS**

**A.1.1 Opacity Limit**

Emissions emanating from any stack, vent, or other functionally equivalent opening, shall not exceed twenty percent (20%) opacity for a period or periods aggregating more than three (3) minutes in any sixty (60) minute period as required in IDAPA 16.01.01.625 (*Rules for the Control of Air Pollution in Idaho*). Opacity shall be determined using the procedures contained in IDAPA 16.01.01.625.

**A.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 (3) minutes in any sixty (60) minute period. Visible emissions shall be determined by Method 22, as described in 40 CFR Part 60, Appendix A, or a DEQ-approved alternative method.

**A.2 OPERATING REQUIREMENTS**

**A.2.1 Reasonable Control of Fugitive Emissions**

All reasonable precautions shall be taken to prevent particulate matter from becoming airborne as required in IDAPA 16.01.01.651. 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:

A.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;

A.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;

A.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;

A.2.1.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;

A.2.1.5 Paving of roadways and their maintenance in a clean condition, where practical; or

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A.2.1.6 Prompt removal of earth or other stored material from streets, where practical.

**A.2.2 Operations and Maintenance Manual Requirements**

Within sixty (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 General Provision B and the air pollution control device requirements contained in this permit. The manual shall remain on site at all times and shall be made available to DEQ representatives upon request.

**A.2.3 Monitoring Equipment**

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

**A.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 manufacturer's and O&M Manual's operating pressure drop specifications shall remain on site at all times and shall be made available to DEQ representatives upon request.

**A.3. MONITORING AND RECORDKEEPING REQUIREMENTS**

**A.3.1 Operating Parameters**

The following operating parameters shall be monitored and recorded. The most recent two (2) years' compilation of data shall be kept on site, in a log, and shall be made available to DEQ representatives upon request.

A.3.1.1 Pressure drop across the air pollution control device once per week.

A.3.1.2 Concrete production in cubic yards per day (cy/day) and cubic yards per month (cy/mo).

**A.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. The most recent two (2) years' compilation of data shall be kept on site and shall be made available to DEQ representatives upon request.

**A.4. REPORTING REQUIREMENTS**

**A.4.1 Relocation**

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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 complete Portable Equipment Registration and Relocation Form (available on the DEQ website at: <http://www2.state.id.us/deq/air/air1.htm>) in accordance with IDAPA 16.01.01.500 and a scaled plot plan to:

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

**A.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 DEQ shall contain a certification by a responsible official in accordance with IDAPA 16.01.01.123. 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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**B. ATTAINMENT OR UNCLASSIFIABLE AREA REQUIREMENTS WHEN NOT COLLOCATED**

The Permittee shall comply with the conditions in Section A 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.

**B.1 OPERATING REQUIREMENTS****B.1.1 Facility Throughput Limits**

The production rate of the concrete batching facility shall not exceed a maximum of seven million, eight hundred eighty-four thousand cubic yards per any consecutive 12-month period (7,884,000 cy/yr) when operating in any attainment or unclassifiable area.

**B.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 C of this permit must be complied with.

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**PERMIT NUMBER**

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**SOURCE**

Portable Concrete Batch Plant

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

The Permittee shall comply with the conditions in Section A 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 (1) portable rock crushing plant, one (1) portable hot-mix asphalt plant, or one (1) other portable concrete batch plant which has been permitted to specifically allow collocation.

**C.1 OPERATING REQUIREMENTS**

**C.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 which specifically allows for collocation in a nonattainment area.

**C.1.2 Number of Portable Sources**

The concrete batching facility may only collocate with either one (1) portable rock crushing plant, one (1) portable hot-mix asphalt plant, or one (1) other portable concrete batch plant which has been permitted to specifically allow collocation.

**C.1.3 Facility Throughput Limits**

The production rate of the concrete batching facility shall not exceed a maximum of three million, nine hundred forty-two thousand cubic yards per any consecutive 12-month period (3,942,000 cy/yr) when collocated with another concrete batch plant, rock crushing plant, or hot-mix asphalt plant.

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**D. NONATTAINMENT AREA REQUIREMENTS**

The Permittee shall comply with the conditions in Section A of this permit and the following permit conditions when the concrete batching facility is operated in any PM-10 nonattainment areas within the State of Idaho. While operating the concrete batching facility under the conditions set forth in Section D, the concrete batching facility may not collocate with any other facility.

**D.1 OPERATING REQUIREMENTS**

**D.1.1 Facility Throughput Limits**

The production rate of the concrete batching facility shall not exceed a maximum of five thousand, sixteen cubic yards per day (5,016 cy/day). In addition, the production rate of the concrete batching facility shall not exceed a maximum of one million, eight hundred thirty thousand, eight hundred fifty-nine cubic yards per any consecutive 12-month period (1,830,859 cy/yr) when operating in any PM-10 nonattainment area or proposed PM-10 nonattainment area.

**D.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.

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**PERMIT TO CONSTRUCT GENERAL PROVISIONS**

- A. 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.
- B. 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

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