



STATE OF IDAHO  
DEPARTMENT OF  
ENVIRONMENTAL QUALITY

1445 North Orchard • Boise, Idaho 83706-2239 • (208) 373-0550

January 25, 2001

**CERTIFIED MAIL # 7099 3220 0006 2681 7705**

Mr. Vaughn Ruschman  
Ruschman Sand & Gravel, Inc.  
1915 Waltman St.  
Meridian, ID 83642

RE: P-000091<sup>2</sup>, Ruschman Sand & Gravel, Inc, Portable  
(Issuance of Modified Permit, PTC No. 777-00224)

Dear Mr. Ruschman:

On August 4, 2000, the Idaho Department of Environmental Quality (DEQ) received a Permit to Construct (PTC) application from Ruschman Sand & Gravel for the modification of a portable rock crusher. On September 5, 2000, the application was determined to be complete. On October 25, 2000, a draft copy of the permit was provided to Ruschman Sand & Gravel for review and comment.

Processing of the permit ceased at that time. On December 13, 2000, written approval of the draft permit was received by DEQ. 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 58.01.01.200 (*Rules for the Control of Air Pollution in Idaho*). Enclosed is PTC No. 777-00224.

This permit does not release the permittee from compliance with all other applicable federal, state, local, or tribal laws, regulations, or ordinances.

Please pay particular attention to the reporting requirements contained in Paragraph E of the General Provisions section of the permit. This information is needed 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.

You are strongly encouraged to request a meeting with DEQ to discuss the permit terms and requirements with which your facility must comply. Mr. Thomas Krinke of the Boise 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 Environmental Quality, 1410 North Hilton, Boise, Idaho 83706, within thirty-five (35) days of the date of this decision. However, DEQ encourages you to contact the Air Quality Permit Program to address any concerns you may have with the enclosed permit prior to filing a petition for a contested case.

→  
Project No. 1.  
actually P-00092  
not P-000091 -

per BRD +  
per AQ Database

Marilyn Seymour

Mr. Vaughn Ruschman  
January 25, 2001  
Page Two

If you have any questions regarding the terms or conditions of the enclosed permit, please contact Thomas Krinke at (208) 373-0552.

Sincerely,



Stephen E. West  
Regional Administrator  
Boise Regional Office

Enclosures

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cc: DEQ State Office  
EPA Region 10  
Boise Regional Office

State of Idaho  
Department of Environmental Quality

**PERMIT TO CONSTRUCT  
AN AIR POLLUTION  
EMITTING SOURCE**

**PERMIT NUMBER**

7 7 7 - 0 0 2 2 4

**AQCR**

**CLASS**

S M

**SIC**

1 4 4 2

**ZONE**

**UTM COORDINATE (km)**

**1. PERMITTEE**

Ruschman Sand and Gravel Inc.

**2. PROJECT**

Portable Rock Crushing Plant

**3. MAILING ADDRESS**

1915 Waltman Street

**CITY**

Meridian

**STATE**

Idaho

**ZIP CODE**

83642

**4. SITE LOCATION COUNTY**

Portable

**NO. OF FULL-TIME EMPLOYEES**

8

**PROPERTY AREA AT SITE (Acreage)**

Varies

**5. PERSON TO CONTACT**

Vaughn Ruschman

**TITLE** Safety/Environmental Compliance  
Manager

**TELEPHONE**

(208) 331-9222

**6. EXACT PLANT LOCATION**

Portable

**7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS**

Rock Crushing (Including Aggregate, Asphalt, and Concrete Production when Collocated)

**8. GENERAL CONDITIONS**

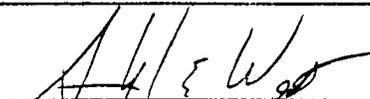
This permit is issued according to the *Rules for the Control of Air Pollution in Idaho*, Section 58.01.01.200, and pertains only to emissions of air contaminants that are regulated by the state of Idaho and to the sources specifically allowed to be constructed by this permit.

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 58.01.01.200, et.seq.

**DISCLAIMER:** This document may serve as a Preliminary Inspection Finding Form for use by Department personnel in communicating your compliance status upon inspection. It does not constitute a final determination of compliance status with the Idaho Code or any rules promulgated, permits issued, or consent or judicial orders entered into pursuant to the law. The Idaho Department of Environmental Quality reserves the right to supplement this document with additional compliance determinations, and amend, change, or otherwise modify any compliance determination stated in this document. This document in no way restricts the state of Idaho, Department of Environmental Quality from taking any action available under law to address past, present, or future violations of the laws administered by the agency.

  
ADMINISTRATOR, COBNE REGIONAL OFFICE  
DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE: 1/25/2001

<b>Permittee:</b> Ruschman Sand and Gravel Inc. <b>Project:</b> Portable Rock Crushing Plant <b>Location:</b> Statewide <b>Source:</b> Rock Crusher	<b>PERMIT NUMBER</b> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">7</td> <td style="padding: 5px;">7</td> <td style="padding: 5px;">7</td> <td style="padding: 5px;">-</td> <td style="padding: 5px;">0</td> <td style="padding: 5px;">0</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">4</td> </tr> </table>	7	7	7	-	0	0	2	2	4
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**A. STATEWIDE REQUIREMENTS**

The Permittee shall comply with the following source wide conditions when the rock crushing facility is operated anywhere (nonattainment, attainment, or unclassifiable areas) within the state of Idaho.

**A.1 EMISSION LIMITS**

**A.1.1 Crusher Opacity Limit**

Particulate matter (PM) emissions from portable rock crushers shall not exhibit more than fifteen percent (15%) opacity. Opacity shall be determined using the procedures specified in IDAPA 58.01.01.625 (*Rules for the Control of Air Pollution in Idaho*).

**A.1.2 Transfer Point Opacity Limit**

PM emissions from any transfer point on belt conveyors, or from each grinding mill, screening operation, bucket elevator, belt conveyor bagging operation, storage bin, enclosed truck, or rail car loading station shall not exhibit greater than ten percent (10%) opacity. Opacity shall be determined using the procedures specified in IDAPA 58.01.01.625.

**A.1.3 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. Opacity shall be determined using the procedures contained in IDAPA 58.01.01.625.

**A.1.4 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.1.5 Distillate Fuel Oil**

No person shall sell, distribute, use or make available for use, any distillate fuel oil containing more then the following percentages of sulfur:

A.1.5.1 ASTM Grade 1 fuel oil- 0.3 percent by weight.

A.1.5.2 ASTM Grade 2 fuel oil- 0.5 percent by weight.

**Inspection Comments:**

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**DATE:**

Permittee: Ruschman Sand and Gravel Inc.  
 Project: Portable Rock Crushing Plant  
 Location: Statewide  
 Source: Rock Crusher

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A.1.6 Fuel Burning Equipment: Particulate Matter

This rock crushing facility shall not discharge into the atmosphere from any fuel burning equipment, particulate matter in excess of 0.05 gr/dscf corrected to 3% oxygen, when burning liquid fuel, as required in IDAPA 58.01.01.676.

A.2 OPERATING REQUIREMENTS

A.2.1 Number of Crushers and Generators

The rock crushing facility shall not use more than one (1) crusher and one (1) generator rated at either 320, or 365, or 460 kilowatts (kW).

A.2.2 Reasonable Control of Fugitive Emissions

All reasonable precautions shall be taken to prevent PM 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 PM. Some of the reasonable precautions include, but are not limited to, the following:

A.2.2.1 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.2.2.2 Application, where practical, of asphalt, water, or suitable chemicals to dirt roads, material stockpiles, and other surfaces which can create dust;

A.2.2.3 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.2.2.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;

A.2.2.5 Paving of roadways and their maintenance in a clean condition, where practical; or

A.2.2.6 Prompt removal of earth or other stored material from streets, where practical.

Inspection Comments:

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in any attainment or unclassifiable areas, or when collocated with another portable source in any attainment or unclassifiable area.

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.3.4 Distillate Fuel Sulfur Content

The Permittee shall obtain distillate fuel sulfur percentage records for each delivery of distillate fuel. 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.4.3 Relocation

A.4.3.1 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: [www2.state.id.us/dec/air/](http://www2.state.id.us/dec/air/)) 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.4.3.2 The Permittee may also be required to submit a Fugitive Dust Control Plan, as described in Section A.2.3, to the DEQ Regional Office in charge of the region to which the facility wishes to relocate.

A.4.4 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. 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.

Inspection Comments:

DATE:

**Permittee:** Ruschman Sand and Gravel Inc.  
**Project:** Portable Rock Crushing Plant  
**Location:** Statewide  
**Source:** Rock Crusher

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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 rock crushing 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 rock crushing facility shall not exceed a maximum of 3,504,000 tons per any consecutive 12-month period (3.504 million T/yr) when located in any attainment or unclassifiable area.

**B.1.2 Collocation Requirements**

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

**Inspection Comments:**

**DATE:**





<b>Permittee:</b> Ruschman Sand and Gravel Inc.	<b>PERMIT NUMBER</b>
<b>Project:</b> Portable Rock Crushing Plant	7 7 7 - 0 0 2 2 4
<b>Location:</b> Statewide	
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The 365 kW generator shall not be operated more than 2,691 hours per any consecutive 12-month period (2,691 hr/yr) when located in any PM<sub>10</sub> non-attainment area or proposed PM<sub>10</sub> non-attainment area.

The 365 kW generator shall not be operated more than 7.4 hours per day (7.4 hr/day) when located in any PM<sub>10</sub> non-attainment area or proposed PM<sub>10</sub> non-attainment area.

The 320 kW generator shall not be operated more than 2,735 hours per any consecutive 12-month period (2,735 hr/yr) when located in any PM<sub>10</sub> non-attainment area or proposed PM<sub>10</sub> non-attainment area.

The 320 kW generator shall not be operated more than 7.5 hours per day (7.5 hr/day) when located in any PM<sub>10</sub> non-attainment area or proposed PM<sub>10</sub> non-attainment area.

**Inspection Comments:**

**DATE:**

**PERMIT TO CONSTRUCT GENERAL PROVISIONS**

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- 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 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.
- C. 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.
- D. 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 DEQ, in writing, of the required information for the following events within five (5) 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

Inspection Comments:

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DATE:

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F. If emission testing is specified, the Permittee must schedule such testing within sixty (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 DEQ approval. Testing procedures and specific time limitations may be modified by DEQ by prior negotiation if conditions warrant adjustment. DEQ shall be notified at least fifteen (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 DEQ 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 DEQ, 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.

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Inspection Comments:

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DATE: