



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

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

Dirk Kempthorne, Governor
Toni Hardesty, Director

August 9, 2005

Certified Mail No. 7005 0390 0003 2968 9935

J. Marvin Hess, President
Hess Pumice Products, Inc.
100 Hess Drive
Malad City, ID 83252

RE: Facility ID No. 071-00003, Hess Pumice Products, Inc., Malad City, ID
Final Permit Letter

Dear Mr. Hess:

The Idaho Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) Number P-050307 to Hess Pumice Products, Inc. for a Perlite Processing Plant, in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho).

This permit is based on your permit application received on March 25, 2005. This permit is effective immediately and replaces PTC No. 071-00003, issued November 21, 2001. This permit does not release Hess Pumice from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

A representative of the Pocatello Regional Office will contact you regarding a meeting with DEQ to discuss the permit terms and requirements. DEQ recommends the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any operations 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 call Dan Pitman at (208) 373-0502 to address any questions or concerns you may have with the enclosed permit.

Sincerely,

Martin Bauer, Administrator
Air Quality Division

MB/KH/sd
Enclosures

Permit No. P-050307



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

PERMIT NO.: P-050307
FACILITY ID NO.: 071-00003
AQCR: 061 **CLASS:** SM
SIC: 3291 **ZONE:** 12
UTM COORDINATE (km): 397.7, 4668.8

1. PERMITTEE

Hess Pumice Products, Inc.

2. PROJECT

Pumice and Perlite Production

3. MAILING ADDRESS

100 Hess Drive

CITY

Malad City

STATE

ID

ZIP

83252

4. FACILITY CONTACT

J. Marvin Hess

TITLE

President

TELEPHONE

(208) 766-4777

5. RESPONSIBLE OFFICIAL

J. Marvin Hess

TITLE

President

TELEPHONE

(208) 766-4777

6. EXACT PLANT LOCATION

Malad City Industrial Park, Malad City, Idaho

COUNTY

Oneida

7. GENERAL NATURE OF BUSINESS & KINDS OF PRODUCTS

Pumice and Perlite grinding, sizing and packaging

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 or modified 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 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.

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 DEQ approval pursuant to the Rules for the Control of Air Pollution in Idaho, IDAPA 58.01.01.200, et seq.

TONI HARDESTY, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL QUALITY

DATE ISSUED: August 9, 2005

Table of Contents

ACRONYMS, UNITS, AND CHEMICAL NOMENCLATURE	3
A. PERMIT TO CONSTRUCT SCOPE	4
1. EMISSION LIMITS	6
2. OPERATING REQUIREMENTS	8
3. MONITORING AND RECORDKEEPING REQUIREMENTS	10
4. REPORTING REQUIREMENTS	12
5. APPENDIX.....	13
6. PERMIT TO CONSTRUCT GENERAL PROVISIONS.....	14

Acronyms, Units, and Chemical Nomenclature

AIRS	Aerometric Information Retrieval System
AQCR	Air Quality Control Region
ASTM	American Society for Testing and Materials
Btu	British thermal unit
CFR	Code of Federal Regulations
CO	carbon monoxide
DEQ	Department of Environmental Quality
EPA	U.S. Environmental Protection Agency
gr	grain (1 lb = 7,000 grains)
IDAPA	a numbering designation for all administrative rules in Idaho promulgated in accordance with the Idaho Administrative Procedures Act
km	kilometer
lb/hr	pound per hour
m	meter(s)
MMBtu	million British thermal units
NO _x	nitrogen oxides
NSPS	New Source Performance Standards
PM	particulate matter
PM ₁₀	particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers
PTC	permit to construct
SIC	Standard Industrial Classification
SM	synthetic minor
SO ₂	sulfur dioxide
T/yr	tons per year
UTM	Universal Transverse Mercator
VOC	volatile organic compound

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

A. PERMIT TO CONSTRUCT SCOPE

Purpose

- A.1 This PTC is for the construction of a new perlite processing plant at the facility.

- A.2 This PTC replaces PTC No. 071-00003, issued on November 21, 2001, the terms and conditions of which no longer apply.

- A.3 The following is a chronological history of the permits issued at this facility which are no longer in effect.
 - PTC No. 071-00003 issued on November 21, 2001
 - PTC No. 071-00003 issued on April 30, 1997
 - PTC No. 071-00003 issued on August 28, 1996
 - PTC No. 071-00003 issued on August 17, 1995
 - PTC No. 071-00003 issued on June 21, 1995
 - PTC No. 071-00003 issued on December 12, 1994
 - PTC No. 071-00003 issued on November 4, 1991
 - PTC No. 071-00003 issued on May 17, 1985

Regulated Sources

- A.4 Table 1.1 lists sources of regulated emissions in this PTC.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

Table A.1 SUMMARY OF REGULATED SOURCES

Source Description	Emissions Control(s)
Perlite Plant	
Expander Furnace and Preheater Manufacturer/Model: Incon Model H-22 Rated Heat Input: 7 MMBtu/hr Fuel(s): Propane	Perlite Baghouse #17 Manufacturer: Mikro-Pulsaire, manufactured by Incon Ratings: 99.8% efficiency or 0.008 grains/dscf, manufacturer guaranteed
Ore Unloading (truck dumping onto Unloading Conveyor)	Perlite Baghouse #18 (Ore Unloading Baghouse) Manufacturer: Mikro-Pulsaire
Ore Unloading Conveyor	Baghouse #18
Bucket Elevator to Ore Storage Bins	Baghouse #18
Ore Storage Bins (openings, vents)	Baghouse #18
Reclaim Conveyor	Baghouse #18
Bucket Elevator to Surge Bin	Baghouse #18
Surge Bin (openings, vents)	Baghouse #18
Product Collector Cyclone (Coarse Product)	Baghouse #17
Cooler Separator	Baghouse #17
Coarse Product Packer	Baghouse #17
Product Collector Cyclone (Fine Product)	Baghouse #17
Fine Product Packer	Baghouse #17
Baghouse #18 Fines Packer	Baghouse #17
Main Dryer	
Dryer Baghouse, Baghouse #1	Baghouse
Process East General BH, Baghouse #2	Baghouse
GT #2 and #4 BH, Baghouse #3	Baghouse
GT #5 and #6 BH, Baghouse #4	Baghouse
Process West General BH, Baghouse #6	Baghouse
Hummer BH, Baghouse #7	Baghouse
GT #7, 8 & 9 BH, Baghouse #8	Baghouse
Bin Baghouse, Baghouse #15	Baghouse
Low Heavy Minerals (LHM) Dryer	
LHM Bin Vent BH, Baghouse #5	Baghouse
LHM Dryer BH, Baghouse #9	Baghouse
LHM West General BH, Baghouse #11	Baghouse
LHM East General BH, Baghouse #12	Baghouse

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

1. EMISSION LIMITS

1.1 Baghouse Stack Emission Limits

Particulate matter (PM) and particulate matter with an aerodynamic diameter less than or equal to a nominal 10 micrometers (PM₁₀) emissions from the dryer baghouse, process east general baghouse, gravity tables No. 2 and No. 4 baghouse, gravity tables No. 5 and No. 6 baghouse, LHM bin vent baghouse, process west general baghouse, Hummer baghouse, GT No. 7, 8, and 9 baghouses, LHM dryer baghouse, LHM west general baghouse, LHM east general baghouse, bin baghouse, perlite expander baghouse no. 17, and the perlite ore unloading baghouse no. 18 stacks shall not exceed any corresponding emission rate limit listed in the Appendix of this permit.

New Source Performance Standards, 40 CFR 60 Subpart 000

1.2.1 Grain Loading

Particulate matter discharged from the baghouse stacks shall not exceed 0.05 grams per dry standard cubic meter (0.022 grains per dry standard cubic foot) per stack, as required in 40 CFR 60.672(a)(1).

1.2.2 Baghouse Stack Opacity Limit

Emissions from the stack of any transfer point on belt conveyors or from the stack of any other affected facility (crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, or enclosed truck or rail car loading station) shall not exceed 7% opacity, as required in 40 CFR 60.672(a)(2). Opacity shall be determined by the procedures contained in 40 CFR 60.675 and IDAPA 58.01.01.625.

1.2.3 Transfer Point Opacity Limit

Fugitive particulate matter emissions from any transfer point on belt conveyors, or from any other affected facility (grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, enclosed truck, or rail car loading station) shall not exhibit greater than 10% opacity, except as provided below, as required in 40 CFR 60.672(b). Opacity shall be determined using the procedures specified in IDAPA 58.01.01.625 and 40 CFR 60.675.

- On and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup as required under 40 CFR 60.11, no owner or operator shall cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 15% opacity in accordance with 40 CFR 60.672(c).
- Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of this section in accordance with 40 CFR 60.672(d).
- In accordance with 40 CFR 60.672(e), if any transfer point on a conveyor belt or any other affected facility is enclosed in a building, then each enclosed affected facility must comply with the emission limits in 40 CFR 60.672(a), (b) and (c), or the building enclosing the affected facility or facilities must comply with the following emission limits:

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

- The permittee shall not cause to be discharged into the atmosphere from any building enclosing any transfer point on a conveyor belt or any other affected facility any visible fugitive emissions except emissions from a vent as defined in 40 CFR 60.671.
- The permittee shall not cause to be discharged into the atmosphere from any vent of any building enclosing any transfer point on a conveyor belt or any other affected facility emissions which exceed the stack emissions limits in 40 CFR 60.672(a).

1.3 Visible Emissions 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, 40 CFR Part 60, Appendix A; or a DEQ-approved alternative method.

1.4 Reasonable Control of Fugitive Emissions

As required in IDAPA 58.01.01.651, all reasonable precautions shall be taken to prevent PM from becoming airborne. 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:

- 1.4.1 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;
- 1.4.2 Application, where practical, of asphalt, water or suitable chemicals to, or covering of, dirt roads, material stockpiles, and other surfaces which can create dust;
- 1.4.3 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;
- 1.4.4 Covering, where practical, of open-bodied trucks transporting materials likely to give rise to airborne dusts;
- 1.4.5 Paving of roadways and their maintenance in a clean condition, where practical; or
- 1.4.6 Prompt removal of earth or other stored material from streets, where practical.

1.5 Dryer Fuel Combustion Emission Limits

The fuel combustion emissions through the main dryer (P1 dryer) and the LHM dryer (P3 dryer) shall not exceed the emission limits in the Appendix of this permit.

1.6 Particulate Matter Grain Loading From Fuel Combustion

PM emissions from fuel combustion in the P1 dryer and the perlite expander furnace shall not exceed 0.050 grains per dry standard cubic foot of effluent gas adjusted to 3% oxygen by volume when

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

liquefied petroleum gas (LPG) or diesel fuel is combusted in accordance with IDAPA 58.01.01.676.

2. OPERATING REQUIREMENTS

2.1 Throughput Limits

The throughput of the following sources shall be limited as follows:

2.1.1 The throughput to the P1 dryer shall not exceed 24 dry tons per hour.

2.1.2 The throughput to the P3 dryer shall not exceed 20 dry tons per hour.

2.1.3 The output from the perlite expander furnace shall not exceed 36 dry tons per day.

2.2 Fuel Consumption

2.2.1 Fuel Type

Only propane fuel or diesel fuel, with a maximum 0.25% sulfur content in the diesel fuel, shall be used in the P1 dryer. Only propane fuel shall be used in the P3 dryer and the perlite expander furnace.

2.2.2 Fuel Consumption for the P1 Dryer

2.2.2.1 Propane Fuel Consumption

Propane fuel consumption shall not exceed 216 gallons per hour and shall not exceed 1,892,160 gallons during any consecutive 12-month period for the P1 dryer.

2.2.2.2 Diesel Fuel Consumption

Diesel fuel consumption shall not exceed 137 gallons per hour and shall not exceed 2,635 gallons during any 24-hour period; for each 24-hour period initiated with diesel fuel combustion, no other fuel shall be burned during the 24-hour period. Diesel fuel consumption shall not exceed 205,482 gallons during any consecutive 12-month period.

2.2.3 Fuel Consumption for the P3 Dryer

Propane fuel consumption shall not exceed 553 cubic feet (15 gallons) per hour and shall not exceed 4,818,000 cubic feet (130,432 gallons) during any consecutive 12-month period.

2.2.4 Fuel Consumption for the Perlite Expander Furnace

Propane fuel consumption shall not exceed 526,000 gallons during any consecutive 12-month period.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

Monitoring Equipment

2.3 Baghouse Pressure Drop Monitoring Equipment

The permittee shall install, calibrate, maintain, and operate, according to the manufacturer's specifications, pressure drop monitoring equipment to measure the pressure drop across each baghouse listed in Permit Condition 1.1.

2.4 Operations and Maintenance Manual Requirements

The permittee shall maintain an operations and maintenance (O&M) manual for all baghouses listed in Permit Condition 1.1. The manual shall describe the procedures that will be followed to comply with General Provision 6.2 and the baghouse requirements of this permit. The manual shall remain onsite at all times and shall be made available to DEQ representatives upon request.

2.4.1 Perlite Baghouse O&M Manual Requirements

Within 60 days of the issuance of this permit, the permittee shall revise the O&M manual to include information for the perlite expander baghouse no. 17 and the perlite ore unloading baghouse no. 18.

2.5 Baghouse Pressure Drop

The pressure drop across each baghouse listed in Permit Condition 1.1 shall be maintained within manufacturer and O&M manual specifications. Documentation of manufacturer and O&M manual operating pressure drop specifications for each baghouse shall remain onsite at all times and shall be made available to DEQ representatives upon request.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

3. MONITORING AND RECORDKEEPING REQUIREMENTS

3.1 Recordkeeping Requirements

The permittee shall monitor and record the following information. The records shall remain onsite for a minimum period of two years and shall be made available to DEQ representatives upon request:

- 3.1.1 Throughput to the P1 dryer in dry tons per hour;
- 3.1.2 Throughput to the P3 dryer in dry tons per hour.
- 3.1.3 When the perlite expander furnace is operated, the output from the furnace shall be recorded on a daily basis in units of dry tons per day.
- 3.1.4 The pressure drop across each baghouse listed in Permit Condition 1.1, once on a daily basis, when operating;
- 3.1.5 Propane fuel consumption through the dryers in gallons (or cubic feet for the P3 dryer) per month;
- 3.1.6 Propane fuel consumption through the perlite expander furnace shall be recorded on a monthly basis in units of gallons per month and gallons per consecutive 12-month period; and
- 3.1.7 Diesel fuel consumption through the P1 dryer in gallons per hour, gallons per 24-hour period, and gallons per every consecutive 12 months.

3.2 PM Performance Test - NSPS

3.2.2 Perlite Plant Initial PM Performance Test

Within 60 days after achieving the maximum production rate at which the perlite plant will be operated, but not later than 180 days after initial startup of this plant, the permittee shall conduct PM performance test(s) of the affected facilities at the perlite plant, and furnish the EPA and DEQ a written report of the results of such performance test(s), in accordance with 40 CFR 60.675 and 60.8. Also, for Baghouses no. 17 and 18, the performance test shall be conducted to demonstrate compliance with Permit Condition 1.2.1 and the PM/PM₁₀ emission limits listed in the Appendix of this permit. The test shall be conducted in accordance with IDAPA 58.01.01.157 and the following requirements:

- The perlite expander furnace shall be operated at the worst case normal production rate during the performance test. A description of how this requirement was met shall be included in the performance test report.
- Visible emissions shall be observed during each performance test run using the methods specified in IDAPA 58.01.01.625, in addition to any methods specified by 40 CFR 60.
- The output from the perlite expander furnace shall be recorded in pounds per hour during each performance test.
- The static pressure drop across the baghouse shall be monitored and recorded during each performance test.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

3.3 Diesel Fuel Sulfur Content

To demonstrate the diesel fuel sulfur content is 0.25% or less, the permittee must obtain copies of the analyses of each diesel oil shipment delivered to the facility from the diesel fuel supplier, or obtain copies of other information used to make the determination.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

4. REPORTING REQUIREMENTS

4.1 Excess Emissions

The permittee shall comply with the excess emissions requirements under IDAPA 58.01.01.130-136 whenever an exceedance of any emissions limit in Section 1 of this permit is caused by startup, shutdown, scheduled maintenance, upset or breakdown of any emissions unit or which is caused by the implementation of any safety measure. When excess emissions are caused by upset or break down conditions, or implementation of a safety measure, the requirements of IDAPA 58.01.01.134 shall be complied with. This includes notifying DEQ as soon as reasonably possible, but no later than 24 hours after the event, unless the owner or operator demonstrates to DEQ's satisfaction that the longer reporting period was necessary. The notification shall contain the date, duration, and description of the exceedance and the procedures taken to remedy the cause of the exceedance.

4.2 Performance Test Protocol

Prior to conducting any emission test, the permittee is strongly encouraged to submit in writing to the DEQ, at least 30 days in advance, a performance test protocol in accordance with IDAPA 58.01.01.157.01.a.

4.3 Performance Test Report

In accordance with IDAPA 58.01.01.157.04, the permittee shall submit a written report of the performance test results to the DEQ within 30 days of test completion.

4.4 Diesel Fuel Sulfur Content Record Retention

To demonstrate meeting the specifications of Permit Condition 2.2.1 for the sulfur content in the diesel fuel, the permittee shall keep copies of analyses of the diesel oil or other information used to make the determination, for two years, and provide the records to DEQ representatives upon request.

4.5 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 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.

4.6 NSPS General Provisions

The permittee shall comply with the New Source Performance Standards General provisions as specified in 40 CFR Part 60, Subpart A.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

5. APPENDIX

Hess Pumice Products, Incorporated Emission Limits^a - Hourly (lb/hr) and Annual (T/yr)										
Source Description	PM/PM ₁₀		SO ₂		CO		NO _x		VOC	
	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Main Dryer										
Dryer Baghouse, Baghouse #1	0.83	3.64								
Process East General BH, Baghouse #2	0.42	1.84								
GT #2 and #4 BH, Baghouse #3	0.42	1.84								
GT #5 and #6 BH, Baghouse #4	0.29	1.27								
Process West General BH, Baghouse #6	0.42	1.84								
Hummer BH, Baghouse #7	0.54	2.37								
GT #7, 8 & 9 BH, Baghouse #8	0.51	2.23								
Bin Baghouse, Baghouse #15	0.03	0.13								
LHM Dryer										
LHM Bin Vent BH, Baghouse #5	0.11	0.48								
LHM Dryer BH, Baghouse #9	0.30	1.31								
LHM West General BH, Baghouse #11	0.50	2.19								
LHM East General BH, Baghouse #12	0.50	2.19								
Perlite Expansion Process										
Perlite Expander Baghouse #17	0.48	2.1								
Combustion Emissions										
P1 Dryer	0.45	0.81	5.4	4.0	0.68	2.9	4.1	18.0	0.11	0.48
P3 Dryer	0.01	0.03	0.01	0.01	0.03	0.12	0.21	0.92	0.01	0.03

^a As determined by DEQ-approved emission estimation methods used in the permit application analysis.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

6. PERMIT TO CONSTRUCT GENERAL PROVISIONS

1. 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.
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:
 - To enter, at reasonable times, upon the premises where an emissions source is located, or in which any records are required to be kept under the terms and conditions of this permit.
 - 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 compliance 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 DEQ, in writing, of the required information for the following events within 5 working days after occurrence:
 - Initiation of Construction - Date
 - Completion/Cessation of Construction - Date
 - Actual Production Startup - Date
 - Initial Date of Achieving Maximum Production Rate - Production Rate and Date
6. 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 may, at its option, 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.

AIR QUALITY PERMIT TO CONSTRUCT NUMBER: P-050307

Permittee:	Hess Pumice Products, Inc.	Facility ID No. 071-00003	Date Issued:	August 9, 2005
Location:	Malad City, Idaho			

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.

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.

8. In accordance with IDAPA 58.01.01.123, 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.