



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

1410 North Hilton • Boise, Idaho 83706 • (208) 373-0502
www.deq.idaho.gov

C.L. "Butch" Otter, Governor
John H. Tippetts, Director

September 28, 2018

Justin Andrews, Regional Environmental Manager (West)
Lhoist North America of Az, Inc. – Tenmile Quarry
2900 W. Horizon Ridge Parkway, Suite 120
Henderson, NV 89052

RE: Facility ID No. 029-00026, Lhoist North America of Az, Inc. – Tenmile Quarry, Bancroft
Final Permit Letter

Dear Mr. Andrews:

The Department of Environmental Quality (DEQ) is issuing Permit to Construct (PTC) No. P-2018.0039 Project 62113 to Lhoist North America of Az, Inc. – Tenmile Quarry, located at Bancroft to change the facility name from Chemical Lime Company to Lhoist North America of Az, Inc. – Tenmile Quarry. This PTC is issued in accordance with IDAPA 58.01.01.200 through 228 (Rules for the Control of Air Pollution in Idaho) and is based on the certified information provided in your PTC application received September 14, 2018.

This permit is effective immediately and replaces PTC No. 029-0026, issued May 23, 1994. This permit does not release Lhoist North America of Az, Inc. – Tenmile Quarry from compliance with all other applicable federal, state, or local laws, regulations, permits, or ordinances.

Pursuant to the Construction and Operation Notification General Provision of your permit, it is required that construction and operation notification be provided. Please provide this information as listed to DEQ's Pocatello's Regional Office, 444 Hospital Way #300, Pocatello Idaho 83201, Fax (208) 236-6168.

In order to fully understand the compliance requirements of this permit, DEQ highly recommends that you schedule a meeting with Melissa Gibbs, Regional Air Quality Manager, at (208) 236-6160 to review and discuss the terms and conditions of this permit. Should you choose to schedule this meeting, DEQ recommends that the following representatives attend the meeting: your facility's plant manager, responsible official, environmental contact, and any other 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 contact Christina Boulay at (208) 373-0502 or christina.boulay@deq.idaho.gov to address any questions or concerns you may have with the enclosed permit.

Sincerely,

A handwritten signature in black ink that reads "Mike Simon".

for, Mike Simon
Stationary Source Program Manager
Air Quality Division

MS\cb
Permit No. P-2018.0039 PROJ 62113
Enclosures

Air Quality

PERMIT TO CONSTRUCT

Permittee	Lhoist North America of Az, Inc. – Tenmile Quarry
Permit Number	P-2018.0039
Project ID	62113
Facility ID	029-00026
Facility Location	1880 Tenmile Pass Road Bancroft, Idaho 83217

Permit Authority

This permit (a) is issued according to the “Rules for the Control of Air Pollution in Idaho” (Rules), IDAPA 58.01.01.200–228; (b) 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; (c) has been granted on the basis of design information presented with the application; (d) does not affect the title of the premises upon which the equipment is to be located; (e) 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; (f) does not release the permittee from compliance with other applicable federal, state, tribal, or local laws, regulations, or ordinances; and (g) in no manner implies or suggests that the Idaho 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. Changes in design, equipment, or operations may be considered a modification subject to DEQ review in accordance with IDAPA 58.01.01.200–228.

Date Issued September 28, 2018


Christina Boulay, Permit Writer


Mike Simon, Stationary Source Manager

Jan,

Contents

1	Permit Scope.....	3
2	Quarrying Operations	4
3	General Provisions.....	6

1 Permit Scope

Purpose

- 1.1 This is a facility name change to Lhoist North America of AZ, Inc. – Tenmile Quarry from Chemical Lime Company.
- 1.2 Those permit conditions that have been modified or revised by this permitting action are identified by the permit issue date citation located directly under the permit condition and on the right-hand margin.
- 1.3 This PTC replaces Permit to Construct No. 029-00026, issued on May 23, 1994.

2 Quarrying Operations

2.1 Process Description

Quarrying operations consist of drilling, blasting, loading and hauling techniques. Blasting will produce run-of-mine material with an overall dimension of 36 inches and smaller. Limestone and waste rock will be quarried at an average rate of 1,068 tons per hour. Approximately 534 tons per hour of waste rock will be generated and taken to a waste rock dump. The remaining 534 tons per hour will consist of: 178 tons per hour of chemical grade limestone which is stockpiled; and 356 tons per hour of metallurgical grade limestone which is hauled to a crushing operation. All limestone and waste rock is transported by 50-ton haul trucks which are loaded by front-end loaders.

2.2 Control Device Descriptions

All quarry haul roads are controlled by chemical dust suppressants.

Emission Limits

2.3 Emission Limits

Fugitive emissions resulting from the quarrying of lime (drilling, blasting, loading, and hauling) shall be reasonably controlled as is required in IDAPA 58.01.01.650-651. This shall include, but is not limited to, applying chemical soil stabilizers to all haul roads.

2.4 Opacity Limit

Emissions from the quarrying operations shall not exceed 20% opacity for a period or periods aggregating more than three minutes in any 60-minute period as required by IDAPA 58.01.01.625. Opacity shall be determined by the procedures contained in IDAPA 58.01.01.625.

[9/28/2018]

Operating Requirements

2.5 Loading and Hauling Limits

The maximum loading and hauling of run-of-mine material (limestone and waste rock) shall not exceed 254,046 tons per month and 1,308,400 tons per year.

2.6 Operating Limits

The maximum hourly operating schedule of quarrying operations (drilling, blasting, loading, and hauling) shall not exceed 496 hours per month, or 3,060 hours per year.

2.7 Operations & Maintenance Manual

Within 30 days of startup, the permittee shall submit an Operations and Maintenance Manual for Department approval describing methods and procedures which will be followed to comply with Section 2.3 of this permit. The Operations and Maintenance Manual may be brief but at a minimum must address the frequency of application of chemical soil stabilizers.

Monitoring Requirements

2.8 Run-of-Mine Material

The permittee shall monitor and record the amount, in tons per month, of run-of-mine material (limestone and waste rock) loaded and hauled on a monthly basis. All monitoring and recordkeeping documentation required by this permit shall be maintained in accordance with the Recordkeeping general provision and shall be made available to Department representatives upon request.

2.9 Quarry Operation Hours

The permittee shall monitor and record the number of hours per month the quarry is in operation (drilling, blasting, loading, and hauling). All monitoring and recordkeeping documentation required by this permit shall be maintained in accordance with the Recordkeeping general provision and shall be made available to Department representatives upon request.

Reporting Requirements

2.10 Reporting Requirement

The permittee shall submit the following information to the Department in an annual report (based on a calendar year and due by January 30th each year) to demonstrate compliance with Sections 2.5 and 2.6 of this permit:

- Tons of run-of-mine material (limestone and waste rock) loaded and hauled each month.
- Hours of quarrying operations (drilling, blasting, loading, and hauling) each month.

3 General Provisions

General Compliance

3.1 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, the "Rules for the Control of Air Pollution in Idaho," and the Environmental Protection and Health Act (Idaho Code §39-101, et seq.)

[Idaho Code §39-101, et seq.]

3.2 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.

[IDAPA 58.01.01.211, 5/1/94]

3.3 Nothing in this permit is intended to relieve or exempt the permittee from the responsibility to comply with all applicable local, state, or federal statutes, rules, and regulations.

[IDAPA 58.01.01.212.01, 5/1/94]

Inspection and Entry

3.4 Upon presentation of credentials, the permittee shall allow DEQ or an authorized representative of DEQ to do the following:

- Enter upon the permittee's premises where an emissions source is located, emissions-related activity is conducted, or where records are kept under conditions of this permit;
- Have access to and copy, at reasonable times, any records that are kept under the conditions of this permit;
- Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit; and
- As authorized by the Idaho Environmental Protection and Health Act, sample or monitor, at reasonable times, substances or parameters for the purpose of determining or ensuring compliance with this permit or applicable requirements.

[Idaho Code §39-108]

Construction and Operation Notification

3.5 This permit shall expire if construction has not begun within two years of its issue date, or if construction is suspended for one year.

[IDAPA 58.01.01.211.02, 5/1/94]

3.6 The permittee shall furnish DEQ written notifications as follows:

- A notification of the date of initiation of construction, within five working days after occurrence; except in the case where pre-permit construction approval has been granted then

notification shall be made within five working days after occurrence or within five working days after permit issuance whichever is later;

- A notification of the date of any suspension of construction, if such suspension lasts for one year or more; and
- A notification of the initial date of achieving the maximum production rate, within five working days after occurrence - production rate and date.

[IDAPA 58.01.01.211.01, 5/1/94]

- A notification of the anticipated date of initial start-up of the stationary source or facility not more than sixty days or less than thirty days prior to such date; and
- A notification of the actual date of initial start-up of the stationary source or facility within fifteen days after such date.

[IDAPA 58.01.01.211.03, 5/1/94]

Performance Testing

3.7 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.

3.8 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.

3.9 Within 60 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 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.

[IDAPA 58.01.01.157, 4/5/00 and 4/11/15]

Monitoring and Recordkeeping

- 3.10** The permittee shall maintain sufficient records to ensure compliance with all of the terms and conditions of this permit. Monitoring records shall include, but not be limited to, the following: (a) the date, place, and times of sampling or measurements; (b) the date analyses were performed; (c) the company or entity that performed the analyses; (d) the analytical techniques or methods used; (e) the results of such analyses; and (f) the operating conditions existing at the time of sampling or measurement. All monitoring records and support information shall be retained for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Supporting information includes, but is not limited to, all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. All records required to be maintained by this permit shall be made available in either hard copy or electronic format to DEQ representatives upon request.

[IDAPA 58.01.01.211, 5/1/94]

Excess Emissions

- 3.11** The permittee shall comply with the procedures and requirements of IDAPA 58.01.01.130–136 for excess emissions due to start-up, shut-down, scheduled maintenance, safety measures, upsets, and breakdowns.

[IDAPA 58.01.01.130–136, 4/5/00]

Certification

- 3.12** 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.

[IDAPA 58.01.01.123, 5/1/94]

False Statements

- 3.13** No person shall knowingly make any false statement, representation, or certification in any form, notice, or report required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.125, 3/23/98]

Tampering

- 3.14** No person shall knowingly render inaccurate any monitoring device or method required under this permit or any applicable rule or order in force pursuant thereto.

[IDAPA 58.01.01.126, 3/23/98]

Transferability

- 3.15** This permit is transferable in accordance with procedures listed in IDAPA 58.01.01.209.06.

[IDAPA 58.01.01.209.06, 4/11/06]

Severability

- 3.16** 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.

[IDAPA 58.01.01.211, 5/1/94]