



Visible Emissions Test Report

**Holcim (US) Inc. d/b/a LaFarge Alpena
4800R Portable Crusher Conveyor, Transfer Point, and
Loading Point
Alpena, Michigan
June 14, 2022**

**Report Submittal Date
August 12, 2022**

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Mostardi Platt

Project No. M221411



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT
REPORT CERTIFICATION**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environment, Great Lakes, and Energy, Air Quality Division upon request.

Source Name Holcim (US) d/b/a Lafarge Alpena County Alpena

Source Address 1435 Ford Avenue City Alpena

AQD Source ID (SRN) B1477 ROP No. MI-ROP-B1477-2020b ROP Section No. _____

Please check the appropriate box(es):

Annual Compliance Certification (Pursuant to Rule 213(4)(c))

Reporting period (provide inclusive dates): From _____ To _____

1. During the entire reporting period, this source was in compliance with **ALL** terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the ROP.

2. During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, **EXCEPT** for the deviations identified on the enclosed deviation report(s). The method used to determine compliance for each term and condition is the method specified in the ROP, unless otherwise indicated and described on the enclosed deviation report(s).

Semi-Annual (or More Frequent) Report Certification (Pursuant to Rule 213(3)(c))

Reporting period (provide inclusive dates): From _____ To _____

1. During the entire reporting period, **ALL** monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred.

2. During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, **EXCEPT** for the deviations identified on the enclosed deviation report(s).

Other Report Certification

Reporting period (provide inclusive dates): From 06/14/2022 To 06/14/2022

Additional monitoring reports or other applicable documents required by the ROP are attached as described:

Visible Emissions Test Report

Portable Crusher

Project No. M221411

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this report and the supporting enclosures are true, accurate and complete

Jeffrey Scott Plant Manager (989) 354-4171
Name of Responsible Official (print or type) Title Phone Number

 Date 8/12/2022
Signature of Responsible Official Date

* Photocopy this form as needed.

1.0 EXECUTIVE SUMMARY

Mostardi Platt conducted a visible emissions (VE) compliance test program on the 4800R Portable Crusher Conveyor, Transfer Point, and Loading Point in Alpena, Michigan on June 14, 2022 for the Holcim (US) Inc. d/b/a LaFarge Alpena. This report summarizes the results of the test program and test methods used.

The test locations, test date, and test parameter are summarized below.

TEST INFORMATION		
Test Locations	Test Date	Test Parameter
Portable Crusher Conveyor Emission Point A	June 14, 2022	VE
Portable Crusher Conveyor Emission Point B		
Portable Crusher Loading Point		

The purpose of the test program was to evaluate the visible emissions at normal operating conditions to meet the requirements of 40CFR60, Subpart OOO. VE test runs were performed at the 4800R Portable Crusher Conveyor, Transfer Point, and Loading Point. Results of the test program are summarized below. A complete summary of emission test results follows the narrative portion of this report. Based on the configuration of this crusher, there were no transfer points to read opacity.

TEST RESULTS				
Test Location	Test Parameter	Test Date	Opacity Limit	Test Result
Portable Crusher Conveyor Emission Point A	VE	June 14, 2022	12%	0%
Portable Crusher Conveyor Emission Point B			12%	0%
Portable Crusher Loading Point			12%	0%

The identifications of the individuals associated with the test program are summarized below.

TEST PERSONNEL INFORMATION		
Location	Address	Contact
Test Facility	Holcim (US) Inc. Alpena Cement Plant 1435 Ford Ave Alpena, MI 49707	Ms. Mallory Miller Area Environmental Engineer (224) 517-6896 (phone) Mallory.miller@lafargeholcim.com
Testing Company Representative	Mostardi Platt 888 Industrial Road Elmhurst, Illinois 60126	Mr. Timothy E. Russ Senior Project Manager (630) 993-2100 (phone) truss@mp-mail.com

2.0 TEST METHODOLOGY

Emission testing was conducted following the method specified in Title 40, *Code of Federal Regulations*, Part 60, Appendix A.

The following methodology was used during the test program:

Method 9 Visual Emission Determination

Visible emissions were determined in accordance with Method 9. The observer stood at a distance providing a clear view of the emissions with the sun oriented in the 140° sector to his back. As much as possible, the line of vision was approximately perpendicular to the plume direction.

Opacity observations were made at the point of greatest opacity in the portion of the plume where condensed water vapor was not present. Observations were made at 15-second intervals for the duration of the test run.

Visible emissions observations were conducted and recorded by Mr. T. Russ, who is a certified visual emissions observer. VE certification and visible emissions data is found in Appendix A.

3.0 CERTIFICATION

Mostardi Platt is pleased to have been of service to the Holcim (US) Inc. d/b/a LaFarge Alpena. If you have any questions regarding this test report, please do not hesitate to contact us at 630-993-2100.


As program manager, I hereby certify that this test report represents a true and accurate summary of emissions test results and the methodologies employed to obtain those results, and the test program was performed in accordance with the methods specified in this test report.

MOSTARDI PLATT



Timothy E. Russ

Program Manager



Eric L. Ehlers

Quality Assurance

APPENDICES