



New York State Department of Environmental Conservation
Permit Review Report

Permit ID: 4-0124-00001/00112

Renewal Number: 1

Modification Number: 13 07/21/2011

Facility Identification Data

Name: LAFARGE BUILDING MATERIALS INC
 Address: 1916 US RTE 9W
 RAVENA, NY 12143-0003

Owner/Firm

Name: LAFARGE BUILDING MATERIALS INC
 Address: 1916 RTE 9W
 RAVENA, NY 12143, USA
 Owner Classification: Corporation/Partnership

Permit Contacts

Air Permitting Contact:
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 RAVENA, NY 12143-0003
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Permit Description
Introduction

The Title V operating air permit is intended to be a document containing only enforceable terms and conditions as well as any additional information, such as the identification of emission units, emission points, emission sources and processes, that makes the terms meaningful. 40 CFR Part 70.7(a)(5) requires that each Title V permit have an accompanying "...statement that sets forth the legal and factual basis for the draft permit conditions". The purpose for this permit review report is to satisfy the above requirement by providing pertinent details regarding the permit/application data and permit conditions in a more easily understandable format. This report will also include background narrative and explanations of regulatory decisions made by the reviewer. It should be emphasized that this permit review report, while based on information contained in the permit, is a separate document and is not itself an enforceable term and condition of the permit.

Attainment Status

LAFARGE BUILDING MATERIALS INC is located in the town of COEYMANS in the county of ALBANY.

The attainment status for this location is provided below. (Areas classified as attainment are those that meet all ambient air quality standards for a designated criteria air pollutant.)

Criteria Pollutant	Attainment Status
Particulate Matter (PM)	ATTAINMENT
Particulate Matter< 10µ in diameter (PM10)	ATTAINMENT
Sulfur Dioxide (SO2)	ATTAINMENT
Ozone*	MARGINAL NON-ATTAINMENT
Oxides of Nitrogen (NOx)**	ATTAINMENT
Carbon Monoxide (CO)	ATTAINMENT



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* Ozone is regulated in terms of the emissions of volatile organic compounds (VOC) and/or oxides of nitrogen (NOx) which are ozone precursors.

** NOx has a separate ambient air quality standard in addition to being an ozone precursor.

Permit Structure and Description of Operations

The Title V permit for LAFARGE BUILDING MATERIALS INC

is structured in terms of the following hierarchy: facility, emission unit, emission point, emission source and process. A facility is defined as all emission sources located at one or more adjacent or contiguous properties owned or operated by the same person or persons under common control. The facility is subdivided into one or more emission units (EU). Emission units are defined as any part or activity of a stationary facility that emits or has the potential to emit any federal or state regulated air pollutant. An emission unit is represented as a grouping of processes (defined as any activity involving one or more emission sources (ES) that emits or has the potential to emit any federal or state regulated air pollutant). An emission source is defined as any apparatus, contrivance or machine capable of causing emissions of any air contaminant to the outdoor atmosphere, including any appurtenant exhaust system or air cleaning device. [NOTE: Indirect sources of air contamination as defined in 6 NYCRR Part 203 (i.e. parking lots) are excluded from this definition]. The applicant is required to identify the principal piece of equipment (i.e., emission source) that directly results in or controls the emission of federal or state regulated air pollutants from an activity (i.e., process). Emission sources are categorized by the following types:

- combustion - devices which burn fuel to generate heat, steam or power
- incinerator - devices which burn waste material for disposal
- control - emission control devices
- process - any device or contrivance which may emit air contaminants that is not included in the above categories.

LAFARGE BUILDING MATERIALS INC is defined by the following emission unit(s):

Emission unit 020000 - EMISSION UNIT 020000 CONTAINS EMISSION SOURCES INVOLVED IN THE HANDLING OF RAW MATERIALS AND SOLID FUELS AT THE FACILITY. THIS INCLUDES THE SECONDARY CRUSHER LOCATED IN THE SECONDARY CRUSHER BUILDING, CONVEYOR #7, WHICH DISCHARGES IN THE MILL BUILDING, EMISSION 031000 CONSISTS OF THE RAW MILL 1 SYSTEM WHICH INCLUDES A BUCKET ELEVATOR, A MILL FEED BELT, A WOBBLER FEEDER AND TERTIARY CRUSHER. THE ENTIRE SYSTEM IS LOCATED IN THE MILL BUILDING. AND THE FLY ASH SYSTEM LOCATED IN THE MILL BUILDING AND FLY ASH SILO.

Emission unit 020000 is associated with the following emission points (EP):
34301, 46012, 46013, 46014, 46015, 46017

Process: FAX is located at ROOF, Building FLYASHSILO - TRANSFER OF FLY ASH TO FLY ASH STORAGE SILO FROM TRUCKS AND FROM SILO TO FLY ASH ALLEVIATOR.

Process: LCR is located at GROUND, Building 2NDCRUSHER - SECONDARY CRUSHING OF CALCIUM SOURCES (E.G., LIMESTONE) USED IN CEMENT MANUFACTURE.

Process: LMS is located at ROOF, Building MILLBLDING - STORAGE AND TRANSFER OF LIMESTONE FROM THE SILOS TO THE MILLING MACHINES.

Process: MAS is located at Building MASONSILO - TRANSFER OF MATERIAL INTO AND OUT OF THE MASONRY FRINGE SILO. THIS PROCESS IS VENTED BY A DUST COLLECTOR LOCATED ON TOP OF THE MASONRY FRINGE SILO.

Process: RX1 is located at GROUND, Building 2NDCRUSHER - TRANSFER OF RAW MATERIALS THROUGH THE SECONDARY CRUSHER AND ONTO CONVEYOR #7. CALCIUM SOURCES



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(LIMESTONE), SOLID FUELS, AND IRON SOURCES ARE TRANSFERRED THROUGH THE SECONDARY CRUSHER AND ONLY CONVEYOR #7.

Process: RX2 is located at 6, Building MILLBLDING - TRANSFER OF RAW MATERIALS (CALCIUM SOURCES, SOLID FUEL, AND IRON SOURCES) FROM CONVEYOR 7 DISCHARGE CHUTE TO THE SHUTTLE BELT LOAD CHUTE.

Emission unit 031000 - EMISSION 031000 CONSISTS OF THE RAW MILL 1 SYSTEM WHICH INCLUDES AN ADDITIVE BELT/COLLECTOR BELT AND MILL FEED BELT. THE ENTIRE SYSTEM IS LOCATED IN THE MILL BUILDING

Process: RM1 is located at GROUND, Building MILLBLDING - TRANSFER OF RAW MATERIAL TO RAW MILL 1.

Emission unit 032000 - EMISSION 032000 CONSISTS OF THE RAW MILL 2 SYSTEM WHICH INCLUDES AN ADDITIVE BELT/COLLECTOR BELT AND A MILL FEED BELT. THE ENTIRE SYSTEM IS LOCATED IN THE MILL BUILDING.

Process: RM2 is located at GROUND, Building MILLBLDING - TRANSFER OF RAW MATERIAL TO RAW MILL 2.

Emission unit 041000 - EMISSION UNIT 041000 CONSISTS OF THE TWO ROTARY, WET PROCESS KILNS (KILN 1 AND KILN 2) AND THE TWO CLINKER COOLERS (CLINKER COOLER 1 AND CLINKER COOLER 2). THERE ARE BUILDINGS AT EITHER END OF THE KILNS; THE DISCHARGE END BUILDING WHERE THE CLINKER COOLERS ARE LOCATED, AND THE FEED END BUILDING.

Emission unit 041000 is associated with the following emission points (EP):

43101, 45101, 45201

Process: CC1 is located at Building DISCHENDBG - CLINKER FROM KILN 1 IS AIR-COOLED IN CLINKER COOLER 1. PARTICULATE EMISSIONS ARE CONTROLLED BY A FABRIC FILTER DUST COLLECTOR. THE CLINKER COOLER IS LOCATED IN THE KILN DISCHARGE END BUILDING.

Process: CC2 is located at Building DISCHENDBG - CLINKER FROM KILN 2 IS AIR-COOLED IN CLINKER COOLER 2. PARTICULATE EMISSIONS ARE CONTROLLED BY A FABRIC FILTER DUST COLLECTOR. THE CLINKER COOLER IS LOCATED IN THE KILN DISCHARGE END BUILDING.

Process: K12 MANUFACTURE OF CLINKER BY TWO ROTARY WET PROCESS KILNS. IN THE WET PROCESS, THE KILNS ARE PRIMARILY FED A WATER-BASED SLURRY. THE WATER IS DRIVEN OFF IN THE KILN AND THE RAW FEED IS CONVERTED TO CLINKER. PARTICULATE EMISSIONS ARE CONTROLLED BY TWO ELECTROSTATIC PRECIPITATOR UNITS, EACH CONSISTING OF TWO UNITS (LOWER AND UPPER). BOTH ESPS ARE CONNECTED TO A SINGLE, MAIN STACK (EP 43101).

DURING NORMAL PRODUCTION OPERATION, THE KILNS USE A SOLID FUEL MIXTURE OF COAL AND/OR COKE OR LIQUID FUELS SUCH AS FUEL OIL. WHEN THE KILNS ARE STARTED UP, FUEL OIL IS USED TO PREHEAT THEM BEFORE RESUMING NORMAL PRODUCTION OPERATIONS.

AS A SOLID FUEL, THE KILNS MAY ALSO UTILIZE TIRE-DERIVED-FUEL (TDF) WHICH MAY BE FIRED IN THE KILN THROUGH A MID-KILN INJECTION SYSTEM AND ASSOCIATED CONVEYING AND HANDLING EQUIPMENT. TDF MAY BE USED TO



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REPLACE UP TO 20% OF THE FOSSIL SOLID FUEL HEAT INPUT (APPROXIMATELY 6 TIRES PER REVOLUTION) FOR EACH OF THE TWO CEMENT KILNS.

TDF WILL NOT BE USED DURING KILN START UP AND SHUT DOWN (START UP AND SHUT DOWN AS DEFINED IN THE FACILITY'S START UP, SHUTDOWN, MALFUNCTION (SSM) PLAN); USAGE WILL BE CEASED DURING MALFUNCTION (MALFUNCTION AS DEFINED IN THE SSM PLAN). THE SSM PLAN SHALL BE REVISED TO ADDRESS TDF FIRING. TDF WILL NOT BE FIRED WITHOUT NYSDEC APPROVAL OF THE REVISED SSM PLAN.

A MIXING FAN WILL BE INSTALLED IN THE KILNS TO AID TDF COMBUSTION.

Emission unit 042000 - EMISSION UNIT 042000 CONSISTS OF CLINKER TRANSFER SYSTEMS FROM THE CLINKER COOLERS TO STORAGE SILOS #8 AND #11 LOCATED IN THE MILL BUILDING AND KILN DUST FROM THE KILNS TO THE DUST LANDFILL AND DUST SCOOP SYSTEMS. THE CLINKER TRANSPORT SYSTEMS CONSISTS OF BUCKET ELEVATORS AND DRAG CONVEYORS LOCATED IN THE DISCHARGE END BUILDING AND CLINKER WELLS IN THE STORAGE HALL. THE DUST SCOOP STORAGE BIN IS LOCATED IN THE FEED END BLDG. AND THE DUST SCOOP SYSTEM IS LOCATED IN THE DUST SCOOP TOWER ADJACENT TO THE KILN 1.

Emission unit 042000 is associated with the following emission points (EP):

40100, 43102, 43103, 43104, 43105, 43106, 46008, 46011, 46018, 46019

Process: CKD is located at Building FEEDENDBLG - LOADOUT OF CEMENT KILN DUST (CKD) FROM THE CKD LOADOUT SPOUT LOCATED IN THE FEED END BUILDING. THE PROCESS IS VENTED THROUGH A 1000 CFM DUST COLLECTOR TO ENABLE LOADING OF ENCLOSED TANKER TRUCKS. THE LOADOUT PROCESS IS LOCATED IN THE FEED END BUILDING.

Process: CX1 is located at Building MILLBLDING - TRANSFER OF CLINKER FROM THE CLINKER TRANSPORT SYSTEMS FOR EACH KILN SYSTEM TO CLINKER SILO 8 AND CLINKER SILO 11 LOCATED IN THE MILL BUILDING.

Process: CX2 is located at Building DISCHENDBG - TRANSFER OF CLINKER COOLER 1 VIA CLINKER TRANSPORT SYSTEM 1 AND FROM CLINKER COOLER 2 VIA CLINKER TRANSPORT SYSTEM 2 TO THE FEED BELTS FOR CLINKER SILOS 8 AND 11. CLINKER TRANSPORT SYSTEM 1 IS COMPRISED OF THE EAST BUCKET ELEVATOR (#461206), THE WEST BUC KET ELEVATOR (#461207), THE EAST DRAG CONVEYOR (#461208), THE WEST DRAG CONVEYOR (461209) AND THE KILN 1 CLINKER WELL IN THE CLINKER STORAGE HALL. CLINKER TRANSPORT SYSTEM 2 IS COMPRISED OF THE EAST BUCKET ELEVATOR (#462206), THE WEST BUCKET ELEVATOR (#4 62207), THE EAST DRAG CONVEYOR (#462208), THE WEST DRAG CONVEYOR (#462209), THE COLLECTOR DRAG CONVEYOR (#460204) AND THE KILN 2 CLINKER WELL IN THE CLINKER STORAGE HALL. BOTH TRANSPORT SYSTEMS ARE LOCATED IN THE DISCHARGE END BUILDING. THIS PROCESS INC LUDES ALLEVIATORS ON THE KILN 1 AND KILN 2 DISCHARGE END DUST SILOS.

Process: CX3 is located at Building SCOOPTOWR1 - TRANSFER OF CLINKER TO THE DUST SCOOP SYSTEM #1. CLINKER WILL BE INJECTED INTO THE KILN VIA THE EXISTING DUST SCOOP SYSTEM. TRANSFER POINTS WILL BE VENTED TO A FABRIC FILTER DUST COLLECTOR.

Process: DS1 is located at Building SCOOPTOWR1 - TRANSFER OF CEMENT KILN DUST (CKD) TO THE DUST SCOOP STORAGE BIN #1 IN THE FEED END BUILDING AND THEN TO DUST



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SCOOP TOWER AND TRANSFER SYSTEM #1 WHERE IT IS REINTRODUCED INTO KILN 1. THE DUST SCOOP TOWER IS LOCATED ADJACENT TO KILN 1 AS THE SCOOP SYSTEM IS A DEVICE WHICH INTRODUCES CKD BACK INTO THE HOT SECTION OF THE KILN, BENEATH THE FORMING CLINKER.

Process: DS2 is located at Building SCOOPTOWR2 - TRANSFER OF CEMENT KILN DUST (CKD) TO DUST SCOOP STORAGE BIN #2 IN THE FEED END BUILDING AND THEN TO DUST SCOOP TOWER AND TRANSFER SYSTEM #2 WHERE IT IS TO BE REINTRODUCED INTO KILN 2. THE DUST SCOOP SYSTEM #2 WILL BE IDENTICAL IN DESIGN TO DUST SCOOP SYSTEM #1. THIS PROCESS IS CONSIDERED TO BE AN ALTERNATE OPERATING SCENARIO FOR TITLE V PURPOSES AND FURTHER DETAIL IS PROVIDED IN APPENDIX F.

Process: PUG is located at Building PUGBLDG - TRANSFER OF CKD TO THE PUG MILL SYSTEM. DUST WILL BE PENUMATICALLY CONVEYED FROM THE DUST WASTE SILO IN THE KILN FEED END BUILDING TO AN INTERMEDIATE DUST STORAGE SILO FOR THE PUG MILL SYSTEM. DUST WILL BE TRANSFERRED FROM THE SILO TO THE PUG MILL VIA AN AIR SLIDE. ALL TRANSFER POINTS ARE CONTROLLED BY A FABRIC FILTER (4DC11). THE PUGMILL'S FUNCTION IS TO PRE-CONDITION THE DUST PRIOR TO REMOVAL.

Emission unit 051000 - EMISSION UNIT 051000 CONSISTS OF THE CEMENT MILL 1 SYSTEM. THIS INCLUDES FEED BELTS TO THE CEMENT MILL, THE MILL, CONVEYING EQUIPMENT AFTER THE MILL (BUCKET ELEVATOR AND AIR SLIDES), THE MILL 1 SEPARATOR AND CEMENT COOLER. ALL OF THE COMPONENTS OF THE CEMENT MILL 1 SYSTEM ARE CONTAINED IN THE MILL BUILDING.

Emission unit 051000 is associated with the following emission points (EP):
52101, 53101, 53102

Process: CM1 is located at GROUND, Building MILLBLDING - GRINDING OF CLINKER TO PRODUCE FINISHED PORTLAND CEMENT. THIS PROCESS IS LOCATED IN THE MILL BUILDING.

Process: FX1 is located at ALL, Building MILLBLDING - TRANSFER OF CLINKER TO CEMENT MILL 1 AND THE TRANSFER OF FINISHED CEMENT THROUGH THE CEMENT MILL 1 SYSTEM'S SEPARATOR, BUCKET ELEVATOR, AIRSLIDES, CEMENT COOLER, AND THE HOPPER ABOVE THE FK PUMP WHICH TRANSPORTS IT TO THE CUSTOMER AND BUFFER STORAGE SILOS . THE ENTIRE CEMENT MILL 1 SYSTEM IS CONTAINED IN THE MILL BUILDING.

Emission unit 052000 - EMISSION UNIT 052000 CONSISTS OF THE CEMENT MILL 2 SYSTEM. THIS INCLUDES FEED BELTS TO THE CEMENT MILL, THE MILL, CONVEYING EQUIPMENT AFTER THE MILL (BUCKET ELEVATOR AND AIR SLIDES), THE MILL 1 SEPARATOR AND CEMENT COOLER. ALL OF THE COMPONENTS OF THE CEMENT MILL 2 SYSTEM ARE CONTAINED IN THE MILL BUILDING.

Emission unit 052000 is associated with the following emission points (EP):
52201, 53201, 53202

Process: CM2 is located at GROUND, Building MILLBLDING - GRINDING OF CLINKER TO PRODUCE FINISHED PORTLAND CEMENT. THIS PROCESS IS LOCATED IN THE MILL BUILDING.

Process: FX2 is located at ALL, Building MILLBLDING - TRANSFER OF CLINKER TO CEMENT MILL 2 AND THE TRANSFER OF FINISHED CEMENT THROUGH THE CEMENT MILL 2 SYSTEM'S SEPARATOR, BUCKET ELEVATOR, AIRSLIDES, CEMENT COOLER, AND THE HOPPER ABOVE THE FK PUMP WHICH TRANSPORTS IT TO THE CUSTOMER AND BUFFER STORAGE SILOS . THE ENTIRE CEMENT MILL 2 SYSTEM IS CONTAINED IN THE MILL



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BUILDING.

Emission unit 053000 - EMISSION UNIT 053000 CONSISTS OF THE CEMENT MILL 3 SYSTEM. THIS INCLUDES FEED BELTS TO THE CEMENT MILL, THE MILL, CONVEYING EQUIPMENT AFTER THE MILL (BUCKET ELEVATOR AND AIR SLIDES), THE MILL 3 SEPARATOR, CEMENT COOLER, AND MASONARY FRINGE SYSTEM.

Emission unit 053000 is associated with the following emission points (EP):
52301, 53301, 53302

Process: CM3 is located at GROUND, Building MILLBLDING - GRINDING OF CLINKER TO PRODUCE FINISHED PORTLAND CEMENT. THIS PROCESS IS LOCATED IN THE MILL BUILDING.

Process: FX3 is located at ALL, Building MILLBLDING - TRANSFER OF CLINKER TO CEMENT MILL 3 AND THE TRANSFER OF FINISHED CEMENT THROUGH THE CEMENT MILL 3 SYSTEM'S SEPARATOR, BUCKET ELEVATOR, AIRSLIDES, CEMENT COOLER, AND THE HOPPER ABOVE THE FK PUMP WHICH TRANSPORTS IT TO THE CUSTOMER AND BUFFER STORAGE SILOS . THE ENTIRE CEMENT MILL 3 SYSTEM IS CONTAINED IN THE MILL BUILDING

Emission unit 054000 - EMISSION UNIT 054000 CONSISTS OF THE CEMENT MILL 4 SYSTEM. THIS INCLUDES FEED BELTS TO THE CEMENT MILL, THE MILL, CONVEYING EQUIPMENT AFTER THE MILL (BUCKET ELEVATOR AND AIR SLIDES), THE TWO MILL 4 SEPARATORS AND CEMENT COOLER. ALL OF THE COMPONENTS OF THE CEMENT MILL 4 SYSTEM ARE CONTAINED IN THE MILL BUILDING.

Emission unit 054000 is associated with the following emission points (EP):
52401, 53401, 53402, 53403

Process: CM4 is located at GROUND, Building MILLBLDING - GRINDING OF CLINKER TO PRODUCE FINISHED PORTLAND CEMENT. THIS PROCESS IS LOCATED IN THE MILL BUILDING.

Process: FX4 is located at ALL, Building MILLBLDING - TRANSFER OF CLINKER TO CEMENT MILL 4 AND THE TRANSFER OF FINISHED CEMENT THROUGH THE CEMENT MILL 4 SYSTEM'S BUCKET ELEVATOR, AIRSLIDES, CEMENT COOLER, AND THE HOPPER ABOVE THE FK PUMP WHICH TRANSPORTS IT TO THE CUSTOMER AND BUFFER STORAGE SILOS. THE ENTIRE CEMENT MILL 4 SYSTEM IS CONTAINED IN THE MILL BUILDING.

Process: FX5 is located at 6, Building MILLBLDING - SEPARATION BY PARTICLE SIZE OF FINISHED CEMENT FROM CEMENT MILL 4 BY TWO SEPARATORS - CM4 SEPARATOR 1 (SOUTH) AND CM4 SEPARATOR 2 (NORTH). THIS PROCESS ALSO INCLUDES THE AIRSLIDES WHICH CONVEY THE CEMENT TO THE SEPARATORS AS THEY ARE CONTROLLED BY THE SAME DUST COLLECTORS THAT CONTROL PARTICULATE EMISSIONS FOR THE SEPARATORS. THIS PROCESS IS LOCATED IN THE MILL BUILDING.

Emission unit 071000 - EMISSION UNIT 071000 CONTAINS THE CEMENT LOADOUT AND PRODUCT SHIPMENT ACTIVITIES AT THE FACILITY. SPECIFICALLY, THIS INCLUDES THE EAST AND WEST TRUCK LOADING SPOUTS, THE RAILCAR UNLOADING SYSTEM AND THE RAILCAR LOADING SPOUTS LOCATED AT THE CUSTOMER SILOS AND THE EAST AND WEST BAGGING MACHINES LOCATED IN THE PACKHOUSE AS WELL AS THE REVERSIBLE CONVEYORS WHICH TRANSFER PRODUCT TO THESE AREAS. MISCELLANEOUS EMISSION SOURCES ASSOCIATED WITH THE PACKHOUSE (BAG SHREDDER AND VACUUM) AND CUSTOMER SILOS ARE ALSO INCLUDED IN EU 071000.



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Emission unit 071000 is associated with the following emission points (EP):

62002, 62003, 62004, 62005, 62006, 62007, 62008, 62009, 63001, 63002, 63003, 63004

Process: BAG is located at Building PACKHSEBLG - FILLING OF BAGS OF CEMENT VIA TWO BAGGING MACHINES DESIGNATED AS EAST AND WEST. THE WEST BAGGING MACHINE SYSTEM (EMISSION SOURCE 71WBM) CONSISTS OF A BUCKET ELEVATOR (#630202); A ROTEX SCREEN (#630106); THE SURGE BIN OVER THE BAGGING MACHINE; THE BAGGING MACHINE ITSELF (#630102). THE EAST BAGGING MACHINE SYSTEM (EMISSION SOURCE 71EBM) CONSISTS OF A BUCKET ELEVATOR (#630201); A ROTEX SCREEN (#630105); THE SURGE BIN OVER THE BAGGING MACHINE; THE BAGGING MACHINE (#630101). THIS ENTIRE PROCESS IS LOCATED IN THE PACKHOUSE.

Process: CL1 is located at Building CUSTOSILOS - LOADOUT OF FINISHED CEMENT FROM CUSTOMER SILOS TO TRUCKS VIA THE NORTH LOADING SPOUT. THIS INCLUDES TRANSPORT OF FINISHED PRODUCT TO THE LOADING SPOUT VIA THE NORTH REVERSIBLE CONVEYOR. THE SPOUT AND CONVEYOR ARE LOCATED IN THE CUSTOMER SILO AREA OF THE FACILITY.

Process: CL2 is located at Building CUSTOSILOS - LOADOUT OF FINISHED CEMENT FROM CUSTOMER SILOS TO TRUCKS VIA THE SOUTH LOADING SPOUT. THIS INCLUDES TRANSPORT OF FINISHED PRODUCT TO THE LOADING SPOUT VIA THE SOUTH REVERSIBLE CONVEYOR AND SCREW CONVEYOR TO THE SPOUT. THE SPOUT AND CONVEYORS ARE LOCATED IN THE CUSTOMER SILO AREA OF THE FACILITY.

Process: CL3 is located at Building CUSTOSILOS - LOADOUT OF FINISHED CEMENT FROM CUSTOMER SILOS TO RAILCARS VIA TWO LOADING SPOUTS AND UNLOADING OF PRODUCT FROM RAILCARS TO THE CUSTOMER SILOS. THIS INCLUDES TRANSPORT OF FINISHED PRODUCT TO THE LOADOUT SPOUTS VIA THE NORTH AND SOUTH REVERSIBLE CONVEYORS. THE SPOUTS AND CONVEYORS ARE LOCATED IN THE CUSTOMER SILO AREA OF THE FACILITY.

Process: CS1 Transfer of cement into the customer silos. this process is vented by a total of five dust collectors located on top of the customer silos.

Process: CX4 is located at Building CUSTOSILOS - Transfer of cement into the customer silos. This process is vented by a total of 5 dust collectors located on the top of the customer silos.

Process: PBS is located at GROUND, Building PACKHSEBLG - SHREDDING OF REJECT BAGS FROM THE BAG MACHINE SYSTEMS. PARTICULATE EMISSIONS FROM THIS PROCESS ARE CONTROLLED BY A BAGHOUSE.

Process: PVC is located at GROUND, Building PACKHSEBLG - VACUUM FOR CLEANUP OF PACKHOUSE AREA. PARTICULATE EMISSIONS FROM THE VACUUM ARE CONTROLLED BY A SMALL BAGHOUSE.

Emission unit 072000 - EMISSION UNIT 072000 CONSISTS OF COVERED BELT CONVEYORS USED TO TRANSPORT FINISHED CEMENT BETWEEN THE CUSTOMER AND BUFFER SILOS AND FROM THE SILOS TO THE WHARF AREA FOR BARGE SHIPMENT. THE BELT THAT TRANSFERS PRODUCT BETWEEN THE CUSTOMER AND BUFFER SILOS IS LOCATED AT THE NORTH END OF THE BUFFER SILOS. THE THREE BELTS WHICH TRANSPORT PRODUCT TO THE WHARF ARE BELTS 8A, 8B, AND 9. PARTICULATE EMISSIONS FROM ALL TRANSFER POINTS ARE CONTROLLED BY BAGHOUSES. EMISSION POINTS ASSOCIATED WITH THE BUFFER SILOS ARE ALSO INCLUDED IN EU 72000.

Emission unit 072000 is associated with the following emission points (EP):

55001, 55004, 55006, 57001, 57002, 57003, 62001

Process: BS1 Transfer of cement into the buffer silos. There are a total of 6 silos, each with a dust collector that vent to the atmosphere through a total of three emission points.

Process: CMX is located at Building BUFFESILOS - TRANSFER OF FINISHED CEMENT BETWEEN



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THE BUFFER AND CUSTOMER SILOS AND FROM THE SILOS TO THE WHARF AREA FOR BARGE SHIPMENT. THE TRANSFER BETWEEN THE BUFFER AND CUSTOMER SILOS (EMISSION SOURCE 72XFR) CONSISTS OF AN AIRSLIDE, THE NORTHWEST REVERSIBLE CONVEY OR AND TRANSFER INTO A HOPPER OVER A CEMENT PUMP (#620501). PARTICULATE EMISSIONS FROM ALL TRANSFER POINTS ARE CONTROLLED BY BAGHOUSES. THE TRANSFER BETWEEN THE BUFFER AND CUSTOMER SILOS IS LOCATED AT THE NORTH END OF THE BUFFER SILOS, AND THE LOAD POINT FOR BELT 8A IS AT THE SOUTH END OF THE BUFFER SILOS. THE TRANSFER POINTS BETWEEN BELTS 8A AND 8B AND BETWEEN BELTS 8B AND 9 OCCUR AT TRANSFER HOUSES BETWEEN THE BELTS GOING DOWN TO THE WHARF AREA.

Process: CX5 is located at Building BUFFESILOS - Transfer of cement into the buffer silos. This process is vented by a total of 6 dust collectors. Each dust collector exhaust combines with the adjacent collector to make a total of 3 emission points.

Emission unit 073000 - EMISSION UNIT 073000 CONSISTS OF THE K-CEMENT IMPORT AND STORAGE SYSTEM. K-CEMENT IS IMPORTED BY RAILCAR AND STORED IN TWO BERTHA TANKS LOCATED OUTSIDE BY THE CUSTOMER SILOS. PARTICULATE EMISSIONS FROM THE TRANSFER OF K-CEMENT INTO THE TANKS ARE CONTROLLED BY A BAGHOUSE.

Emission unit 073000 is associated with the following emission points (EP):
62010

Process: KCM TRANSFER OF K-CEMENT SHIPPED IN BY RAILCARS AND STORED IN TWO DEDICATED BERTHA TANKS.

Emission unit 090000 - EMISSION UNIT 090000 CONTAINS EMISSION SOURCES INVOLVED IN THE FACILITY'S QUARRY OPERATIONS. THIS INCLUDES THE PRIMARY CRUSHER LOCATED IN THE PRIMARY CRUSHER BUILDING.

Emission unit 090000 is associated with the following emission points (EP):
32002

Process: PCR is located at GROUND, Building PRCRUSHER - PRIMARY CRUSHING OF CALCIUM SOURCES (E.G., LIMESTONE) USED IN CEMENT MANUFACTURE.

Emission unit 100000 - EMISSIONS UNIT 100000 CONTAINS EMISSION SOURCES INVOLVED IN THE FACILITY'S WHARF OPERATIONS. THIS INCLUDES THE TRANSFER OF FINISHED PRODUCT FROM BELT 9 TO BARGES. PARTICULATE EMISSIONS FROM THIS TRANSFER IS CONTROLLED BY A BAGHOUSE.

Emission unit 100000 is associated with the following emission points (EP):
58001

Process: CMB is located at GROUND, Building WHARF AREA - TRANSFER OF FINISHED CEMENT FROM BELT 9 TO BARGES LOCATED IN THE WHARF AREA.

Compliance Status

Facility is out of compliance with specific requirements (see attached compliance schedule).

Compliance Schedule:

Location Facility/EU/EP/Process/ES	Regulation	Short Description
FACILITY	40 CFR 63.1347	NESHAP for Portland Cement Manufacturing - Standards for



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raw and finish mills

comp_loc

SCC Codes

SCC or Source Classification Code is a code developed and used" by the USEPA to categorize processes which result in air emissions for the purpose of assessing emission factor information. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. Any operation that causes air pollution can be represented by one or more SCC's.

SCC Code	Description
3-05-007-06	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Kilns
3-05-007-09	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Primary Crushing
3-05-007-10	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Secondary Crushing
3-05-007-12	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Raw Material Transfer
3-05-007-14	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Clinker Cooler
3-05-007-16	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Clinker Transfer
3-05-007-17	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Clinker Grinding
3-05-007-18	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) CEMENT SILOS
3-05-007-19	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Cement Load Out
3-05-007-29	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) FINISH GRINDING MILL AIR SEPARATOR
3-05-007-99	MINERAL PRODUCTS MINERAL PRODUCTS - CEMENT MANUFACTURE (WET PROCESS) Other Not Classified

Facility Emissions Summary

In the following table, the CAS No. or Chemical Abstract Service code is an identifier assigned to every chemical compound. [NOTE: Certain CAS No.'s contain a 'NY' designation within them. These are not



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true CAS No.'s but rather an identification which has been developed by the department to identify groups of contaminants which ordinary CAS No.'s do not do. As an example, volatile organic compounds or VOC's are identified collectively by the NY CAS No. 0NY998-00-0.] The PTE refers to the Potential to Emit. This is defined as the maximum capacity of a facility or air contaminant source to emit any air contaminant under its physical and operational design. Any physical or operational limitation on the capacity of the facility or air contamination source to emit any air contaminant, including air pollution control equipment and/or restrictions on the hours of operation, or on the type or amount or material combusted, stored, or processed, shall be treated as part of the design only if the limitation is contained in federally enforceable permit conditions. The PTE Range represents an emission range for a contaminant. Any PTE quantity that is displayed represents a facility-wide emission cap or limitation for that contaminant. If no PTE quantity is displayed, the PTE Range is provided to indicate the approximate magnitude of facility-wide emissions for the specified contaminant in terms of tons per year (tpy). The term 'HAP' refers to any of the hazardous air pollutants listed in section 112(b) of the Clean Air Act Amendments of 1990. Total emissions of all hazardous air pollutants are listed under the special NY CAS No. 0NY100-00-0. In addition, each individual hazardous air pollutant is also listed under its own specific CAS No. and is identified in the list below by the (HAP) designation.

Cas No.	Contaminant Name	PTE	Range
		lbs/yr	

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: Emergency Defense - 6 NYCRR 201-1.5

An emergency constitutes an affirmative defense to an action brought for noncompliance with emissions limitations or permit conditions for all facilities in New York State.

(a) The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

- (1) An emergency occurred and that the facility owner and/or operator can identify the cause(s) of the emergency;
- (2) The equipment at the permitted facility causing the emergency was at the time being properly operated;
- (3) During the period of the emergency the facility owner and/or operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
- (4) The facility owner and/or operator notified the Department within two working days after the event occurred. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

(b) In any enforcement proceeding, the facility owner and/or operator seeking to establish the occurrence of an emergency has the burden of proof.

(c) This provision is in addition to any emergency or upset provision contained in any applicable requirement.

Item B: Public Access to Recordkeeping for Title V Facilities - 6 NYCRR 201-1.10(b)

The Department will make available to the public any permit application, compliance plan, permit, and monitoring and compliance certification report pursuant to Section 503(e) of the Act, except for information entitled to confidential treatment pursuant to 6 NYCRR Part 616 - Public Access to records and Section 114(c) of the Act.



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Item C: Timely Application for the Renewal of Title V Permits -6 NYCRR Part 201-6.3(a)(4)

Owners and/or operators of facilities having an issued Title V permit shall submit a complete application at least 180 days, but not more than eighteen months, prior to the date of permit expiration for permit renewal purposes.

Item D: Certification by a Responsible Official - 6 NYCRR Part 201-6.3(d)(12)

Any application, form, report or compliance certification required to be submitted pursuant to the federally enforceable portions of this permit shall contain a certification of truth, accuracy and completeness by a responsible official. This certification shall state that based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Item E: Requirement to Comply With All Conditions - 6 NYCRR Part 201-6.5(a)(2)

The permittee must comply with all conditions of the Title V facility permit. Any permit non-compliance constitutes a violation of the Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application.

Item F: Permit Revocation, Modification, Reopening, Reissuance or Termination, and Associated Information Submission Requirements - 6 NYCRR Part 201-6.5(a)(3)

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition.

Item G: Cessation or Reduction of Permitted Activity Not a Defense - 6 NYCRR 201-6.5(a)(5)

It shall not be a defense for a permittee in an enforcement action to claim that a cessation or reduction in the permitted activity would have been necessary in order to maintain compliance with the conditions of this permit.

Item H: Property Rights - 6 NYCRR 201-6.5(a)(6)

This permit does not convey any property rights of any sort or any exclusive privilege.

Item I: Severability - 6 NYCRR Part 201-6.5(a)(9)

If any provisions, parts or conditions of this permit are found to be invalid or are the subject of a challenge, the remainder of this permit shall continue to be valid.

Item J: Permit Shield - 6 NYCRR Part 201-6.5(g)

All permittees granted a Title V facility permit shall be covered under the protection of a permit shield, except as provided under 6 NYCRR Subpart 201-6. Compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that such applicable requirements are included and are specifically identified in the permit, or the Department, in acting on the permit application or revision, determines in writing that other requirements specifically identified



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are not applicable to the major stationary source, and the permit includes the determination or a concise summary thereof. Nothing herein shall preclude the Department from revising or revoking the permit pursuant to 6 NYCRR Part 621 or from exercising its summary abatement authority. Nothing in this permit shall alter or affect the following:

- i. The ability of the Department to seek to bring suit on behalf of the State of New York, or the Administrator to seek to bring suit on behalf of the United States, to immediately restrain any person causing or contributing to pollution presenting an imminent and substantial endangerment to public health, welfare or the environment to stop the emission of air pollutants causing or contributing to such pollution;
- ii. The liability of a permittee of the Title V facility for any violation of applicable requirements prior to or at the time of permit issuance;
- iii. The applicable requirements of Title IV of the Act;
- iv. The ability of the Department or the Administrator to obtain information from the permittee concerning the ability to enter, inspect and monitor the facility.

Item K: Reopening for Cause - 6 NYCRR Part 201-6.5(i)

This Title V permit shall be reopened and revised under any of the following circumstances:

- i. If additional applicable requirements under the Act become applicable where this permit's remaining term is three or more years, a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which this permit is due to expire, unless the original permit or any of its terms and conditions has been extended by the Department pursuant to the provisions of Part 201-6.7 and Part 621.
- ii. The Department or the Administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- iii. The Department or the Administrator determines that the Title V permit must be revised or reopened to assure compliance with applicable requirements.
- iv. If the permitted facility is an "affected source" subject to the requirements of Title IV of the Act, and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.

Proceedings to reopen and issue Title V facility permits shall follow the same procedures as apply to initial permit issuance but shall affect only those parts of the permit for which cause to reopen exists.

Reopenings shall not be initiated before a notice of such intent is provided to the facility by the Department at least thirty days in advance of the date that the permit is to be reopened, except that the Department may provide a shorter time period in the case of an emergency.

Item L: Permit Exclusion - ECL 19-0305



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The issuance of this permit by the Department and the receipt thereof by the Applicant does not and shall not be construed as barring, diminishing, adjudicating or in any way affecting any legal, administrative or equitable rights or claims, actions, suits, causes of action or demands whatsoever that the Department may have against the Applicant for violations based on facts and circumstances alleged to have occurred or existed prior to the effective date of this permit, including, but not limited to, any enforcement action authorized pursuant to the provisions of applicable federal law, the Environmental Conservation Law of the State of New York (ECL) and Chapter III of the Official Compilation of the Codes, Rules and Regulations of the State of New York (NYCRR). The issuance of this permit also shall not in any way affect pending or future enforcement actions under the Clean Air Act brought by the United States or any person.

Item M: Federally Enforceable Requirements - 40 CFR 70.6(b)

All terms and conditions in this permit required by the Act or any applicable requirement, including any provisions designed to limit a facility's potential to emit, are enforceable by the Administrator and citizens under the Act. The Department has, in this permit, specifically designated any terms and conditions that are not required under the Act or under any of its applicable requirements as being enforceable under only state regulations.

NOTIFICATION OF GENERAL PERMITTEE OBLIGATIONS

Item A: General Provisions for State Enforceable Permit Terms and Condition - 6 NYCRR Part 201-5

Any person who owns and/or operates stationary sources shall operate and maintain all emission units and any required emission control devices in compliance with all applicable Parts of this Chapter and existing laws, and shall operate the facility in accordance with all criteria, emission limits, terms, conditions, and standards in this permit. Failure of such person to properly operate and maintain the effectiveness of such emission units and emission control devices may be sufficient reason for the Department to revoke or deny a permit.

The owner or operator of the permitted facility must maintain all required records on-site for a period of five years and make them available to representatives of the Department upon request. Department representatives must be granted access to any facility regulated by this Subpart, during normal operating hours, for the purpose of determining compliance with this and any other state and federal air pollution control requirements, regulations or law.

Regulatory Analysis

Location Facility/EU/EP/Process/ES	Regulation	Condition	Short Description
-- FACILITY	ECL 19-0301	84	Powers and Duties of the Department with respect to air pollution control
0-41000/43101/K12	40CFR 52-A.21	70, 71, 72	Prevention of Significant Deterioration



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0-41000/43101/K12	40CFR 52-A.21(r)	75, 76	Source obligation
0-41000/43101/K12	40CFR 63- A.10(e)(3)(i)	77	
FACILITY	40CFR 63-LLL.1342	47	NESHAP for Portland Cement Manufacturing - General Standards
0-41000	40CFR 63-LLL.1342	63	NESHAP for Portland Cement Manufacturing - General Standards
0-41000/43101/K12	40CFR 63- LLL.1343(b)(1)	78	NESHAP for Portland Cement Manufacturing - Standards for kilns and in-line kilns/raw mills
FACILITY	40CFR 63- LLL.1343(b)(2)	48	Standards for Kilns
0-41000/43101/K12	40CFR 63- LLL.1343(b)(3)	79	Existing, reconstructed or new brownfield/major sources
0-41000/43101/K12	40CFR 63-LLL.1344(f)	80	Portland Cement MACT - Good Combustion Practices
0-41000/43101/K12	40CFR 63-LLL.1344(g)	81	Portland Cement MACT - no increase in mercury
0-41000/43101/K12	40CFR 63-LLL.1344(h)	82	Portland Cement MACT - product quality
0-41000	40CFR 63- LLL.1345(a)(1)	64	NESHAP for Portland Cement Manufacturing - Standards for clinker coolers
0-41000	40CFR 63- LLL.1345(a)(2)	65	Standards for clinker coolers
FACILITY	40CFR 63-LLL.1347	49	NESHAP for Portland Cement Manufacturing - Standards for raw and finish mills
0-41000/43101/K12	40CFR 63-LLL.1349(e)	83	Performance testing requirements
FACILITY	40CFR 63- LLL.1350(a)(4)	50	36.1350a(4) Monitoring Requirements
FACILITY	40CFR 63-LLL.1350(b)	51	Monitoring Requirements
0-41000	40CFR 63- LLL.1350(d)(1)	66	Monitoring Requirements
0-41000	40CFR 63- LLL.1350(d)(3)	67	Monitoring Requirements
FACILITY	40CFR 63-LLL.1350(e)	52	Monitoring requirements
FACILITY	40CFR 63-LLL.1350(f)	53, 54	Monitoring requirements
0-41000	40CFR 63-LLL.1350(i)	68	Monitoring Requirements
FACILITY	40CFR 63-LLL.1350(j)	55	Monitoring requirements
FACILITY	40CFR 63-LLL.1350(o)	56	Mercury in fly ash
FACILITY	40CFR 63-LLL.1350(p)	57	Mercury in fly ash
FACILITY	40CFR 63-LLL.1353	58	Notification Requirements
FACILITY	40CFR 63-LLL.1354	62	Reporting Requirements
FACILITY	40CFR 63-LLL.1355	59	Recordkeeping Requirements



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FACILITY	40CFR 68	20	Chemical accident prevention provisions
FACILITY	40CFR 82-F	21	Protection of Stratospheric Ozone - recycling and emissions reduction
FACILITY	6NYCRR 200.6	1	Acceptable ambient air quality.
FACILITY	6NYCRR 200.7	9, 22	Maintenance of equipment.
FACILITY	6NYCRR 201-1.4	85	Unavoidable noncompliance and violations
FACILITY	6NYCRR 201-1.7	10	Recycling and Salvage
FACILITY	6NYCRR 201-1.8	11	Prohibition of reintroduction of collected contaminants to the air
FACILITY	6NYCRR 201-3.2(a)	12	Exempt Activities - Proof of eligibility
FACILITY	6NYCRR 201-3.3(a)	13	Trivial Activities - proof of eligibility
FACILITY	6NYCRR 201-6	23, 60, 61	Title V Permits and the Associated Permit Conditions
FACILITY	6NYCRR 201-6.5(a)(4)	14	General conditions
FACILITY	6NYCRR 201-6.5(a)(7)	2	General conditions Fees
FACILITY	6NYCRR 201-6.5(a)(8)	15	General conditions
FACILITY	6NYCRR 201-6.5(c)	3	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5(c)(2)	4	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5(c)(3)(ii)	5	Permit conditions for Recordkeeping and Reporting of Compliance Monitoring
FACILITY	6NYCRR 201-6.5(d)(5)	16	Compliance schedules
FACILITY	6NYCRR 201-6.5(e)	24, 25	Compliance Certification
FACILITY	6NYCRR 201-6.5(f)	26	Operational flexibility
FACILITY	6NYCRR 201-6.5(f)(6)	17	Off Permit Changes
FACILITY	6NYCRR 201-7.1	27	Federally Enforceable Emissions Caps
0-41000/43101/K12	6NYCRR 201-7.1	69, 70, 71, 72	Federally Enforceable Emissions Caps
FACILITY	6NYCRR 202-1.1	18	Required emissions tests.
0-41000/43101/K12	6NYCRR 202-1.1	73, 74	Required emissions tests.
FACILITY	6NYCRR 202-1.2	28	Notification.
FACILITY	6NYCRR 202-1.3(a)	29	Acceptable procedures - reference methods
FACILITY	6NYCRR 202-2.1	6	Emission Statements - Applicability
FACILITY	6NYCRR 202-2.5	7	Emission Statements - record keeping requirements.
FACILITY	6NYCRR 211.2	86, 87	General Prohibitions



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FACILITY	6NYCRR 211.3	19	- visible emissions limited. General Prohibitions
0-41000	6NYCRR 212.11	93	- visible emissions limited
FACILITY	6NYCRR 212.3(b)	30	Sampling and monitoring
FACILITY	6NYCRR 212.4(c)	31	General Process Emission Sources - emissions from existing emission sources
FACILITY	6NYCRR 212.6(a)	32	General Process Emission Sources - emissions from new processes and/or modifications
0-41000	6NYCRR 212.9	92	General Process Emission Sources - opacity of emissions limited
FACILITY	6NYCRR 215.2	8	Tables.
0-41000	6NYCRR 220-1.2(b)	94	Open Fires - Prohibitions
FACILITY	6NYCRR 220-1.4(c)	88, 89	Particulate emission limit for large existing kilns and clinker coolers.
0-42000	6NYCRR 220-1.5(a)	97	Opacity limits for portland cement processes.
0-42000	6NYCRR 220-1.5(b)	98	Particulate emissions from dust dumps.
0-42000	6NYCRR 220-1.5(c)	99	Particulate emissions from dust dumps.
0-41000/43101/K12	6NYCRR 220-1.6(a)	95	Particulate emissions from dust dumps.
FACILITY	6NYCRR 220-1.6(b)(1)	90, 91	Sulfur dioxide emissions from kiln stacks.
0-41000/43101/K12	6NYCRR 220-1.7(a)	96	Emission of nitrogen oxides from kiln stacks - existing kiln RACT dates.
FACILITY	6NYCRR 225-1.2(a)(2)	33, 34, 35	Kiln and clinker cooler recordkeeping.
FACILITY	6NYCRR 243-1.6(a)	36	Sulfur in Fuel Limitations Post 12/31/87.
FACILITY	6NYCRR 243-1.6(b)	37	Permit Requirements - CAIR NOx Ozone Season Trading Program
FACILITY	6NYCRR 243-1.6(c)	38	Monitoring Requirements - CAIR NOx Ozone Season Trading Program
FACILITY	6NYCRR 243-1.6(d)	39	NOx Ozone Season Emission Requirements - CAIR NOx Ozone Season Trading Program



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FACILITY	6NYCRR 243-1.6(e)	40	Recordkeeping and reporting requirements - CAIR NOx Ozone Season Trading Program
FACILITY	6NYCRR 243-2.1	41	Authorization and responsibilities - CAIR Designated Representative Certificate of representation - CAIR Designated Representative
FACILITY	6NYCRR 243-2.4	42	General Requirements - Monitoring and Reporting
FACILITY	6NYCRR 243-8.1	43, 44	Quarterly reports re: recordkeeping and reporting - Monitoring and Reporting
FACILITY	6NYCRR 243-8.5(d)	45	Compliance certification re: recordkeeping and reporting - Monitoring and Reporting
FACILITY	6NYCRR 243-8.5(e)	46	

Compliance Certification

Summary of monitoring activities at LAFARGE BUILDING MATERIALS INC:

Location Facility/EU/EP/Process/ES	Cond No.	Type of Monitoring

0-41000/43101/K12	75	record keeping/maintenance procedures
0-41000/43101/K12	76	continuous emission monitoring (cem)
0-41000/43101/K12	77	record keeping/maintenance procedures
0-41000/43101/K12	78	intermittent emission testing
FACILITY	48	monitoring of process or control device parameters as surrogate
0-41000/43101/K12	79	intermittent emission testing
0-41000/43101/K12	80	record keeping/maintenance procedures
0-41000/43101/K12	81	record keeping/maintenance procedures
0-41000	64	intermittent emission testing
0-41000	65	monitoring of process or control device parameters as surrogate
FACILITY	50	monitoring of process or control device parameters as surrogate
FACILITY	52	monitoring of process or control device parameters as surrogate
FACILITY	53	monitoring of process or control device parameters as surrogate
FACILITY	54	monitoring of process or control device parameters as surrogate
FACILITY	22	record keeping/maintenance procedures
FACILITY	5	record keeping/maintenance procedures
FACILITY	25	record keeping/maintenance procedures
FACILITY	26	record keeping/maintenance procedures
0-41000/43101/K12	70	continuous emission monitoring (cem)
0-41000/43101/K12	71	continuous emission monitoring (cem)



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0-41000/43101/K12	72	continuous emission monitoring (cem)
0-41000/43101/K12	73	record keeping/maintenance procedures
0-41000/43101/K12	74	record keeping/maintenance procedures
FACILITY	6	record keeping/maintenance procedures
FACILITY	87	record keeping/maintenance procedures
0-41000	93	monitoring of process or control device parameters as surrogate
FACILITY	30	monitoring of process or control device parameters as surrogate
FACILITY	31	monitoring of process or control device parameters as surrogate
FACILITY	32	record keeping/maintenance procedures
0-41000	92	monitoring of process or control device parameters as surrogate
0-41000	94	intermittent emission testing
FACILITY	88	record keeping/maintenance procedures
FACILITY	89	record keeping/maintenance procedures
0-41000/43101/K12	95	record keeping/maintenance procedures
FACILITY	90	continuous emission monitoring (cem)
FACILITY	91	continuous emission monitoring (cem)
0-41000/43101/K12	96	record keeping/maintenance procedures
FACILITY	33	work practice involving specific operations
FACILITY	34	work practice involving specific operations
FACILITY	35	work practice involving specific operations

