State of Utah

SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Tim Davis
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-IN100070032-25

October 2, 2025

Javier Ortiz
Amrize Cement Inc.
8700 West Bryn Mawr Avenue
Chicago, IL 60631
Javier.Sosa@amrize.com

Dear Mr. Ortiz:

Re: Intent to Approve: Modification to Approval Order DAQE-AN100070031-22 to Incorporate Alternative Fuel Processing and Feed System Operations and Inclusion of a New Finish Mill
Project Number: N100070032

The attached document is the Intent to Approve (ITA) for the above-referenced project. The ITA is subject to public review. Any comments received shall be considered before an Approval Order (AO) is issued. The Division of Air Quality is authorized to charge a fee for reimbursement of the actual costs incurred in the issuance of an AO. An invoice will follow upon issuance of the final AO.

Future correspondence on this ITA should include the engineer's name, **John Jenks,** as well as the DAQE number as shown on the upper right-hand corner of this letter. John Jenks, can be reached at (385) 306-6510 or jjenks@utah.gov, if you have any questions.

Sincerely,

Jon L. Black
Jon Black (Oct 2, 2025 13:28:09 MDT)

Jon L. Black, Manager
New Source Review Section

JLB:JJ:jg

cc: Weber-Morgan Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN100070032-25
Modification to Approval Order DAQE-AN100070031-22 to Incorporate Alternative Fuel Processing and Feed System Operations and Inclusion of a New Finish Mill

Prepared By
John Jenks, Engineer
(385) 306-6510
jjenks@utah.gov

Issued to
Amrize Cement Inc. - Devil's Slide Plant

Issued On
October 2, 2025

Jon L. Black
Jon Black (Oct 2, 2025 13:28:09 MDT)

New Source Review Section Manager
Jon L. Black

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name
Amrize Cement Inc.

Mailing Address
8700 West Bryn Mawr Avenue
Chicago, IL 60631

Source Contact
Name: Clinton Badger
Phone: (801) 829-6821
Email: Clinton.Badger@amrize.com

Source Name
Amrize Cement Inc. - Devil's Slide Plant

Physical Address
6055 East Croydon Road
Morgan, UT 84050

UTM Coordinates
455,500 m Easting
4,545,500 m Northing
Datum NAD27
UTM Zone 12

SIC code 3241 (Cement, Hydraulic)

SOURCE INFORMATION

General Description
Amrize Cement Inc. (Amrize), formerly known as Holcim (US) Inc., owns and operates the Devil's Slide cement manufacturing plant near Morgan, Utah. At the Devil's Slide plant, cement is made when raw materials such as limestone & sandstone (quarried on-site), iron ore, and an alumina source are proportioned, ground, mixed, and then fed into a rotating kiln. The heat of the kiln alters the materials and recombines them into small stones called cement clinker. The clinker is cooled and ground with gypsum into a fine powdered cement. The final product is stored on site for later packaging and shipping. The sources of air emissions are the combustion of fuels for the kiln operation and from the kiln and clinker cooling process.

NSR Classification
Minor Modification at Major Source

Source Classification
Located in Morgan County
Airs Source Size: A

Applicable Federal Standards
NSPS (Part 60), A: General Provisions
NSPS (Part 60), F: Standards of Performance for Portland Cement Plants
NSPS (Part 60), Y: Standards of Performance for Coal Preparation and Processing Plants
NSPS (Part 60), OOO: Standards of Performance for Nonmetallic Mineral Processing Plants
MACT (Part 63), A: General Provisions
MACT (Part 63), LLL: National Emission Standards for Hazardous Air Pollutants From the Portland Cement Manufacturing Industry

MACT (Part 63), ZZZZ: National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Title V (Part 70) Major Source

Project Description
Amrize submitted a series of requests to update operations at its existing Devil's Slide Plant. These included a name change from "Holcim (US) Inc." to Amrize Cement Inc. as well as two applications: one for the installation of a new finish mill and associated ancillary equipment, and another for upgrading the fuel processing and feed system. These requests have been combined into a single permitting action for convenience.

SUMMARY OF EMISSIONS

The emissions listed below are an estimate of the total potential emissions from the source. Some rounding of emissions is possible.

Criteria Pollutant	Change (TPY)	Total (TPY)
CO_2 Equivalent		25644.00
Carbon Monoxide	18	1838.00
Nitrogen Oxides	11	1836.00
Particulate Matter - PM_{10}	14.65	235.65
Particulate Matter - $PM_{2.5}$	10.76	60.76
Sulfur Dioxide	0.13	457.13
Volatile Organic Compounds	1.18	152.18

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Arsenic (TSP) (CAS #7440382)	0	11
Benzene (Including Benzene From Gasoline) (CAS #71432)	0	14880
Formaldehyde (CAS #50000)	0	430
Generic HAPs (CAS #GHAPS)	800	7200
Hydrochloric Acid (Hydrogen Chloride) (CAS #7647010)	0	130200
Mercury (TSP) (CAS #7439976)	0	51
Metal HAPs (CAS #MHAPS)	0	4800
Naphthalene (CAS #91203)	0	1582
Phenanthrene (CAS #85018)	0	362
	Change (TPY)	**Total (TPY)**
Total HAPs	0.40	79.76

PUBLIC NOTICE STATEMENT

The NOI for the above-referenced project has been evaluated and has been found to be consistent with the requirements of UAC R307. Air pollution producing sources and/or their air control facilities may not be constructed, installed, established, or modified prior to the issuance of an AO by the Director.

A 30-day public comment period will be held in accordance with UAC R307-401-7. A notification of the intent to approve will be published in the Ogden Standard Examiner on November 3, 2025. During the public comment period the proposal and the evaluation of its impact on air quality will be available for

the public to review and provide comment. If anyone so requests a public hearing within 15 days of publication, it will be held in accordance with UAC R307-401-7. The hearing will be held as close as practicable to the location of the source. Any comments received during the public comment period and the hearing will be evaluated. The proposed conditions of the AO may be changed as a result of the comments received.

SECTION I: GENERAL PROVISIONS

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

I.1	All definitions, terms, abbreviations, and references used in this AO conform to those used in the UAC R307 and 40 CFR. Unless noted otherwise, references cited in these AO conditions refer to those rules. [R307-101]
I.2	The limits set forth in this AO shall not be exceeded without prior approval. [R307-401]
I.3	Modifications to the equipment or processes approved by this AO that could affect the emissions covered by this AO must be reviewed and approved. [R307-401-1]
I.4	All records referenced in this AO or in other applicable rules, which are required to be kept by the owner/operator, shall be made available to the Director or Director's representative upon request, and the records shall include the two-year period prior to the date of the request. Unless otherwise specified in this AO or in other applicable state and federal rules, records shall be kept for a minimum of five years. [R307-401-8]
I.5	At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any equipment approved under this AO, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Director which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. All maintenance performed on equipment authorized by this AO shall be recorded. [R307-401-4]
I.6	The owner/operator shall comply with UAC R307-107. General Requirements: Breakdowns. [R307-107]
I.7	The owner/operator shall comply with UAC R307-150 Series. Emission Inventories. [R307-150]
I.8	The owner/operator shall submit documentation of the status of construction or modification to the Director within 18 months from the date of this AO. This AO may become invalid if construction is not commenced within 18 months from the date of this AO or if construction is discontinued for 18 months or more. To ensure proper credit when notifying the Director, send the documentation to the Director, attn.: NSR Section. [R307-401-18]

SECTION II: PERMITTED EQUIPMENT

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

II.A THE APPROVED EQUIPMENT

II.A.1	**Devil's Slide Plant** Source-wide
II.A.2	**Raw Materials: Quarry Operations & Stockpiles** Drilling operations, rock blasting, truck loading, rock fall from dozer push, haul roads, limestone & sand storage piles, and Cement Kiln Dust (CKD) storage pile. The drill rig is equipped with a baghouse.
II.A.3	**Raw Materials: Impact Crusher & Conveying** Dump pocket/feeder (#211-AF1), impact crusher, conveyors and associated transfer points, with emissions controlled by baghouses (#291-BFx) or enclosures.
II.A.4	**Raw Materials: Preblending Hall** Limestone & sandstone are pre-blended in an enclosed blending hall. No unit-specific applicable requirements.
II.A.5	**Raw Materials: Raw Meal Preparation System** Equipment used in the preparation of kiln feed (raw meal), including material transfer points, conveyors, bag filters, bins. (HAC #31x-xxx to 39x-xxx excluding #361-RM1)
II.A.6	**Coal Ops: Milling, Processing & Conveying** Equipment for the handling, conveying, storage, and milling of coal. Emissions are controlled by baghouses: HAC #L61-BF1 (mill discharge) and #L91-BF1 (bin vent). Equipment does not include the conveying system used to convey coal from the mill to the kiln.
II.A.7	**Coal Ops: Transfer Equipment** Equipment in the clinker manufacturing system for transfers from the coal mill to the kiln (HAC #L91-xxx).
II.A.8	**Fuel Processing and Feed System (GEOCYCLE)** Consists of fuel preprocessing (enclosed) - controlled with 1 baghouse and 2 bin vent filters
II.A.9	**Kiln System: Clinker Manufacture - MHO** Equipment for the calcination of raw material, including material transfer points, conveyors, bag filters, bins (HAC #411-xxx, 431-xxx, 4A1-xxx except 4A1-BFx).
II.A.10	**Kiln System: In-Line Kiln/Raw Mill** Emissions from the five-stage kiln system (HAC #441-xxx, 461-xxx) and raw mill (#361-RM1) are controlled by the main baghouse (#421-BF1). Alkali bypass emissions are controlled by baghouse (#4A1-BF1). Both baghouses exit through the main stack.
II.A.11	**Selective Non-catalytic Reduction system** One SNCR unit is used for the control of NO_x emissions from the main kiln stack. No unit specific requirements.
II.A.12	**Cooler System: Clinker Cooler** Grate cooler (#417-GQ1) for cooling clinker, controlled by baghouse (#471-BF1).

II.A.13	**Cooler System: Clinker Cooler System - MHO** Transfer equipment and dust control for the clinker cooler system. (HAC #47x-xxx to 49x-xxx excluding 471-BF1, 471-GQ1).
II.A.14	**Cooler System: Finish Mill Operations** Equipment for grinding of clinker and additive addition, including material transfer points, conveyors, bag filters, and bins. (HAC #52x-xxx to 59x-xxx, K93-xxx & T93-xxx) New equipment: one vertical finish mill (Finish Mill 4) one 50 MMBtu/hr natural gas heater with a low-NO_x burner for production of hot air gas ancillary material handling and storage (baghouse control)
II.A.15	**Supplemental: Packing & Distribution System** Equipment for shipping of cement products: conveyor transfer points, bins, bag filters, and other miscellaneous transfer points. (HAC #61x-xxx to 6Ex-xxx)
II.A.16	**Supplemental: Material Handling - Group 1** All totally enclosed storage bins, conveying system transfer points, bagging systems, and bulk loading/unloading systems identified in 40 CFR 63.1340, Subpart LLL as affected sources.
II.A.17	**Supplemental: Material Handling - Group 2** All partially enclosed or unenclosed storage bins, conveying system transfer points, bagging systems, and bulk loading/unloading systems identified in 40 CFR 63.1340, Subpart LLL as affected sources. This unit also includes partially or totally-enclosed storage bins, conveying system transfer points, bagging systems, and bulk loading/unloading systems identified in 40 CFR 63.1340, Subpart LLL as affected sources and that are equipped with a control device (PMCD).
II.A.18	**Supplemental: Emergency Generators** Two diesel-powered emergency backup generators, approx. 755 HP and 166 HP. The 166 HP unit is subject to 40 CFR 63 Subpart ZZZZ requirements.

SECTION II: SPECIAL PROVISIONS

The intent is to issue an air quality AO authorizing the project with the following recommended conditions and that failure to comply with any of the conditions may constitute a violation of the AO.

II.B <u>REQUIREMENTS AND LIMITATIONS</u>

II.B.1	**Site-Wide Requirements**
II.B.1.a	Emissions to the atmosphere at all times from the indicated emission point shall not exceed the following rates and concentrations: Source: Kiln Main Stack Exhaust PM_{10}: 14 lb/hr SO_2: 475 lb/hr on a rolling 24-hr average and 457 tons per rolling 12-month period CO: 438 lb/hr NO_x: 1,817 tons rolling 12-month period. [R307-401-8(1)(a)]

II.B.1.a.1	Compliance with the NO_x and SO_2 emission limitations will be through use of a CEM. The owner/operator shall install, calibrate, maintain, and continuously operate a CEM on the kiln main stack. The owner/operator shall record the output of the system, which shall measure the NO_x and SO_2 emissions. The monitoring system shall comply with all applicable sections of R307-170, UAC and 40 CFR 60, Appendix B. Except for system breakdown, repairs, calibration checks, and zero and span adjustments required under paragraph (d) 40 CFR 60.13, the owner/operator of an affected source shall continuously operate all required continuous monitoring devices and shall meet minimum frequency of operation requirements as outlined in 40 CFR 60.13 and Section UAC R307-170. [R307-170]
II.B.1.a.2	Compliance Demonstration To demonstrate compliance with the PM_{10} and CO emission limitations above, the owner/operator shall perform stack testing on the kiln exhaust stack according to the stack testing conditions contained in this AO. Test Frequency PM_{10}: a stack test shall be performed within five years after the date of the most recent stack test. The Director may require the owner/operator to perform a stack test at any time. CO: a stack test shall be performed within two years after the date of the most recent stack test. The Director may require the owner/operator to perform a stack test at any time. [R307-165-2, R307-401-8]
II.B.1.b	The owner/operator shall adhere to the following: A. No more than 930,000 tons of clinker shall be produced per rolling 12-month period. Production shall be determined by maintenance of a supervisor log. Compliance with this annual limitation shall be determined on a rolling 12-month total. Based on the twentieth day of each month, a new 12-month total shall be calculated using the previous 12 months of kiln production. Records of production shall be kept for all periods when the plant is in operation. B. Mining operations and transporting of materials from the mine to the plant shall be limited to between 5:00 AM and 8:00 PM each day. Mining and transporting operations shall be determined by maintenance of a supervisor log. Records shall be kept in the log when mining operations and transporting of materials from the mine to the plant occur outside of the schedule listed above. [R307-401-8(1)(a)]

II.B.1.c	Visible emissions from the following emission points shall not exceed the listed values: A. Crushers - 15% opacity. B. Coal milling, processing, conveying - 20% opacity. C. All other point sources, except the kiln main stack and the clinker cooler - 10% opacity. Opacity observations of emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9. All PM_{10} stack emission releases shall be vented vertically without any restriction to upward momentum at or beyond the stack opening. [40 CFR 60 Subpart OOO, 40 CFR 60 Subpart Y, R307-401-8(1)(a)]
II.B.1.c.1	GEOCYCLE monitoring/recordkeeping: A. Except as noted in b) below, a visual opacity survey of each affected emission unit shall be performed on a monthly basis while the unit is operating by an individual trained on the observation procedures of 40 CFR 60, Appendix A, Method 9. If visible emissions other than steam are observed from an emission unit, an opacity determination of that emission unit shall be performed by a certified observer within 24 hours of the initial survey. The opacity determination shall be performed while the unit is operating in accordance with 40 CFR 60, Appendix A, Method 9. B. For emission units located within a building, the requirements of paragraph a) apply to each affected emission unit located within a building or to the building itself. If visible emissions from a building are monitored, the requirements of paragraph a) apply to each side, roof, and vent of the building. The affected emission unit(s) shall be operating when monitoring is performed on the unit located within a building or on the building itself. C. The permittee shall record the date of each visual opacity survey and a list of the emission points checked during the visual opacity survey. The permittee shall maintain all records required by this provision and all data required by 40 CFR 60, Appendix A, Method 9. [40 CFR 60 Subpart A]

II.B.1.d	All paved/unpaved roads and other operational areas that are used by mobile equipment shall be water sprayed and/or chemically treated and/or swept using a mobile sweeper to control fugitive dust. The application of water or chemical treatment shall be used for unpaved roads and unpaved operational areas. Treatment shall be of sufficient frequency and quantity to maintain the surface material in a damp/moist condition unless it is below freezing. The mobile sweeper shall operate as necessary to control visible fugitive dust emissions from paved surfaces. The opacity shall not exceed 20% during all times the areas are in use. Records of water and/or chemical treatment and/or mobile sweeping shall be kept for all periods when the plant is in operation. The records shall include the following items as applicable: A. Date B. Number of treatments made, dilution ratio, and quantity C. Precipitation received, if any, and approximate amount D. Time of day treatments were made E. Records of temperature, if the temperature is below freezing. [R307-205]
II.B.1.e	Visible fugitive dust emissions from haul-road traffic and mobile equipment in operational areas shall not exceed 20% opacity at any point. Visible emission determinations shall use procedures similar to Method 9. The normal requirement for observations to be made at 15-second intervals over a six-minute period, however, shall not apply. Visible emissions shall be measured at the densest point of the plume but at a point not less than 1/2 vehicle length behind the vehicle and not less than 1/2 the height of the vehicle. [R307-205]
II.B.1.f	A dust suppression system shall be installed at the following points to control fugitive emissions: A. Impact crusher dump pocket (II.A.3) - water spray B. Conveyor transfer points (II.A.3, II.A.5, II.A.6) - baghouse dust collectors The system shall operate whenever dry conditions warrant or as determined necessary by the Director. Visual inspections shall be made monthly to demonstrate compliance with this condition. A log of the visual inspections, including the date and time of each inspection and the name of the person making the inspection, shall be maintained. [R307-401-8(1)(a)]
II.B.2	**Stack Testing Requirements**
II.B.2.a	Notification At least 30 days prior to conducting a stack test, the owner/operator shall submit a source test protocol to the Director. The source test protocol shall include the items contained in R307-165-3. If directed by the Director, the owner/operator shall attend a pretest conference. [R307-165-3, R307-401-8]
II.B.2.b	Access The owner/operator shall provide Occupational Safety and Health Administration (OSHA)- or Mine Safety and Health Administration (MSHA)-approved access to the test location. [R307-401-8]

II.B.2.c	Reporting No later than 60 days after completing a stack test, the owner/operator shall submit a written report of the results from the stack testing to the Director. The report shall include validated results and supporting information. [R307-165-5, R307-401-8]
II.B.2.d	Filterable PM_{10} 40 CFR 60, Appendix A, Method 5; 40 CFR 51, Appendix M, Method 201; Method 201A; or other EPA-approved testing methods as acceptable to the Director. If other approved testing methods are used which cannot measure the PM_{10} fraction of the filterable particulate emissions, all of the filterable particulate emissions shall be considered PM_{10}. Condensable PM 40 CFR 51, Appendix M, Method 202 or other EPA-approved testing method as acceptable to the Director. The back-half condensables shall not be used for compliance demonstration but shall be used for inventory purposes. [R307-401-8]
II.B.2.e	CO 40 CFR 60, Appendix A, Method 10, or other EPA-approved testing method as acceptable to the Director. [R307-401-8]
II.B.3	**Fuel Requirements**
II.B.3.a	The owner/operator shall only use diesel fuel (e.g., fuel oil #1, #2, or diesel fuel oil additives) as fuel in the emergency generators (II.A.18). [R307-401-8]
II.B.3.a.1	The owner/operator shall only combust diesel fuel in the emergency engines that meets a sulfur content of 15 ppm or less. [R307-401-8(1)(a)]
II.B.3.a.2	To demonstrate compliance with the fuel requirement, the owner/operator shall maintain records of diesel fuel purchase invoices or obtain certification of sulfur content from the diesel fuel supplier. The diesel fuel purchase invoices shall indicate that the diesel fuel meets the fuel requirements. [R307-401-8]

II.B.3.b	The owner/operator shall use only the following fuels in the kiln: A. Coal B. Diaper Derived Fuel (DDF) C. Tire Derived Fuel (TDF) D. Natural Gas E. Coke F. Fuel Oil G. Used Oil H. Synthetic Fuel I. Wood J. Any Non-Recyclable plastics, paper, and fibers from Municipal Solid Waste, Commercial or Industrial Waste recycling centers, or as byproducts from manufacturing facilities that meet the definition of Non-Hazardous Secondary materials under 40 CFR part 241. Examples include but are not limited to manufactured waste plastics, cellulose products, poly scrap, and plastic films from the recycling of paperboard materials. K. Coal Additives as defined in Condition II.B.3.b.1. [R307-401-8(1)(a)]
II.B.3.b.1	The coal additives listed above shall consist of alternative fuels approved by the Director. Prior to burning any proposed coal additive, the owner/operator shall obtain approval from the Director. To obtain approval, the owner/operator shall submit Material Safety Data Sheets (MSDS) or the results of suitable tests giving data similar to a Proximate and Ultimate analysis of the proposed coal additive. Approval by the Director shall consist of a letter approving the use of the proposed coal additive. Approval is not required to change from one previously approved coal additive to another previously approved coal additive. The average quantity of coal additives burned shall not be greater than 15% of the total daily heat input of the kiln and precalciner. The owner/operator may increase the average quantity of coal additives up to 25% of the total daily heat input of the kiln and precalciner upon approval by the Director in accordance with the approval process described herein. [R307-401-8(1)(a)]

II.B.3.c	The sulfur content of any coal or mixture of coals burned in the kiln shall not exceed 1.0 pound of sulfur per million BTUs of heat input. The sulfur content of any fuel oil burned in the kiln shall not exceed 0.85 pounds of sulfur per million gross BTUs of heat input. If any type of fuel is desired to be used that has a higher sulfur content, an AO shall be required in accordance with R307-401, UAC. Methods for determining sulfur content of coal and fuel oil shall be those methods of the American Society for Testing and Materials, UAC R307-203-1 (4). A. For determining sulfur content in coal, ASTM Method D4239-2018 is to be used. B. For determining sulfur content in oil, ASTM Methods D2880-71 or D4294-89 are to be used. C. For determining the gross calorific (or BTU) content of coal, ASTM Methods D5865/D5865M are to be used. If these methods are superseded, the approved method put forth by ASTM shall be used. [R307-401-8(1)(a)]
II.B.3.d	The concentration/parameters of contaminants in any used oil fuel shall not exceed the following levels: 1) Arsenic: 5 ppm by weight 2) Cadmium: 2 ppm by weight 3) Chromium: 10 ppm by weight 4) Lead: 100 ppm by weight 5) Total halogens: 1,000 ppm by weight 6) Sulfur: 0.5 percent by weight A. The flash point of all used oil to be burned shall not be less than 100°F. B. The owner/operator shall provide test certification for each load of used oil fuel received. Certification shall be either by their own testing or test reports from the used oil fuel marketer. Records of used oil fuel consumption and the test reports shall be kept for all periods when the plant is in operation. C. Used oil that does not exceed any of the listed contaminant contents may be burned. The owner/operator shall record the quantities of oil burned on a daily basis. D. Any used oil fuel that contains more than 1000 ppm by weight of total halogens shall be considered a hazardous waste and shall not be burned in the kiln. The oil shall be tested for halogen content by ASTM Method D-808-81, EPA Method 8240 or Method 8260 before used oil fuel is transferred to the day tank and burned. E. Sources utilizing used oil as a fuel shall comply with the State Division of Solid and Hazardous Waste in accordance with R315-15, UAC. [R307-401-8]

II.B.4	**Emergency Engine Requirements**
II.B.4.a	The owner/operator shall not operate each emergency engine on site for more than 100 hours per calendar year for maintenance checks and readiness testing. Each emergency engine may be operated for up to 50 hours per calendar year in non-emergency situations. Any operation in non-emergency situations shall be counted as part of the 100 hours per calendar year for maintenance and testing. There is no time limit on the use of the engines during emergencies. [40 CFR 60 Subpart ZZZZ, R307-401-8]
II.B.4.a.1	To determine compliance with the annual operation limitation, records documenting the operation of each emergency engine shall be kept in a log and shall include the following: A. The date the emergency engine was used. B. The duration of operation in hours. C. The reason for the emergency engine usage. [40 CFR 60 Subpart ZZZZ, R307-401-8]
II.B.4.a.2	To determine the duration of operation, the owner/operator shall install a non-resettable hour meter for each emergency engine. [R307-401-8, 40 CFR 63 Subpart ZZZZ]

PERMIT HISTORY

This Approval Order shall supersede (if a modification) or will be based on the following documents:

Replaces	DAQE-AN100070031-22 dated March 10, 2022
Is Derived From	NOI dated March 17, 2025
Incorporates	Additional Information dated June 11, 2025
Incorporates	Additional Information dated July 15, 2025

ACRONYMS

The following lists commonly used acronyms and associated translations as they apply to this document:

40 CFR	Title 40 of the Code of Federal Regulations
AO	Approval Order
BACT	Best Available Control Technology
CAA	Clean Air Act
CAAA	Clean Air Act Amendments
CDS	Classification Data System (used by Environmental Protection Agency to classify sources by size/type)
CEM	Continuous emissions monitor
CEMS	Continuous emissions monitoring system
CFR	Code of Federal Regulations
CMS	Continuous monitoring system
CO	Carbon monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent - Title 40 of the Code of Federal Regulations Part 98, Subpart A, Table A-1
COM	Continuous opacity monitor
DAQ/UDAQ	Division of Air Quality
DAQE	This is a document tracking code for internal Division of Air Quality use
EPA	Environmental Protection Agency
FDCP	Fugitive dust control plan
GHG	Greenhouse Gas(es) - Title 40 of the Code of Federal Regulations 52.21 (b)(49)(i)
GWP	Global Warming Potential - Title 40 of the Code of Federal Regulations Part 86.1818-12(a)
HAP or HAPs	Hazardous air pollutant(s)
ITA	Intent to Approve
LB/YR	Pounds per year
MACT	Maximum Achievable Control Technology
MMBTU	Million British Thermal Units
NAA	Nonattainment Area
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emission Standards for Hazardous Air Pollutants
NOI	Notice of Intent
NO_x	Oxides of nitrogen
NSPS	New Source Performance Standard
NSR	New Source Review
PM_{10}	Particulate matter less than 10 microns in size
$PM_{2.5}$	Particulate matter less than 2.5 microns in size
PSD	Prevention of Significant Deterioration
PTE	Potential to Emit
R307	Rules Series 307
R307-401	Rules Series 307 - Section 401
SO_2	Sulfur dioxide
Title IV	Title IV of the Clean Air Act
Title V	Title V of the Clean Air Act
TPY	Tons per year
UAC	Utah Administrative Code
VOC	Volatile organic compounds