State of Utah

SPENCER J. COX
Governor

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Lieutenant Governor

Department of
Environmental Quality

Kimberly D. Shelley
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-IN120660006-24

October 10, 2024

Randa Hawley
Hawley Rock Products, Inc.
760 South 1400 West
Annabella, UT 84711
hawleyrock@msn.com

Dear Ms. Hawley:

Re: Intent to Approve: Modification to Approval Order DAQE-AN120660005-22 to Add a Generator Engine
Project Number: N120660006

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, **Mr. Tim DeJulis,** as well as the DAQE number as shown on the upper right-hand corner of this letter. Mr. Tim DeJulis, can be reached at (385) 306-6523 or tdejulis@utah.gov, if you have any questions.

Sincerely,

Alan D. Humpherys, Manager
New Source Review Section

ADH:TD:jg

cc: Central Utah Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN120660006-24
Modification to Approval Order DAQE-AN120660005-22 to Add a Generator Engine

Prepared By
Mr. Tim DeJulis, Engineer
(385) 306-6523
tdejulis@utah.gov

Issued to
Hawley Rock Products, Inc. - Crushing and Screening Operation

Issued On
October 10, 2024

New Source Review Section Manager
Alan D. Humpherys

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name
Hawley Rock Products, Inc.

Source Name
Hawley Rock Products, Inc. - Crushing and Screening Operation

Mailing Address
760 South 1400 West
Annabella, UT 84711

Physical Address
780 West 1400 South
Elsinore, UT 84724

Source Contact
Name: Randa Hawley
Phone: (435) 896-6582
Email: hawleyrock@msn.com

UTM Coordinates
398,850 m Easting
4,280,130 m Northing
Datum NAD83
UTM Zone 12

SIC code 1442 (Construction Sand & Gravel)

SOURCE INFORMATION

General Description
Hawley Rock Products, Inc. (Hawley) operates an aggregate processing plant in Elsinore in Sevier County. Operations include aggregate mining, crushing, screening, and hauling. Diesel and natural gas-fueled generator engines provide power to the onsite equipment. Annual aggregate production is limited to 875,000 tons.

NSR Classification
Minor Modification at Minor Source

Source Classification
Located in Attainment Area
Sevier County
Airs Source Size: B

Applicable Federal Standards
NSPS (Part 60), A: General Provisions
NSPS (Part 60), OOO: Standards of Performance for Nonmetallic Mineral Processing Plants
NSPS (Part 60), IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
NSPS (Part 60), JJJJ: Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
MACT (Part 63), A: General Provisions
MACT (Part 63), ZZZZ: National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
Title V (Part 70) Area Source

Project Description
Hawley has requested a modification to AO DAQE-AN120660005-22, dated May 12, 2022, to add a 226 hp natural gas-fueled generator engine to the site. Hawley will have the use of electric power to generate power for the CBP at some point in the future.

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	333	4883.00
Carbon Monoxide	1.87	11.43
Nitrogen Oxides	0.93	29.34
Particulate Matter - PM_{10}	0.03	8.59
Particulate Matter - $PM_{2.5}$	0.03	3.20
Sulfur Dioxide	0	1.85
Volatile Organic Compounds	0.65	3.10

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Total HAPs (CAS #THAPS)	420	540
	Change (TPY)	**Total (TPY)**
Total HAPs	0.21	0.27

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 Richfield Reaper on October 16, 2024. 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 two (2) 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]

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	**Hawley Crushing and Screening Plant** (Manufacturers' names are listed for identification purposes only)
II.A.2	**Pioneer Roll Crusher - 54 x 24** Rating: 154 TPH Manufacture Date: 1951 Associated Engine Rated Capacity: 245 hp Manufacture Date: prior to 1973 MACT 40 CFR 63 Subpart ZZZZ Equipment
II.A.3	**Symons Cone Crusher** Rating: 145 TPH Manufacture Date: 1951
II.A.4	**Cedarapids Roll Crusher - 40 x 24** Rating: 154 TPH Manufacture Date: 1954

II.A.5	**Pioneer Jaw Crusher - 10 x 36** Rating: 440 THP Manufacture Date: 1959
II.A.6	**Nordberg Cone Crusher** Rating: 220 THP Manufacture Date: 1967
II.A.7	**Pioneer Roll Crusher - 30 x 40** Rating: 154 TPH Manufacture Date: 1968
II.A.8	**Eagle Jaw Crusher - 20 x 36** Rating: 600 TPH Manufacture Date: 1968
II.A.9	**Telsmith Cone Crusher - 6 x 16** Rating: 205 THP Manufacture Date: 1970
II.A.10	**Cedarapids Jaw Crusher - 16 x 48** Rating: 500 TPH Manufacture Date: 1970
II.A.11	**Cedarapids Jaw Crusher - 18 x 36** Rating: 140 TPH Manufacture Date: 1971
II.A.12	**El Jay Cone Crusher - 54"** Rating: 330 TPH Manufacture Date: 1979
II.A.13	**Acrowood Impact Crusher** Rating: 145 TPH Manufacture Date: 1987 NSPS Subpart OOO Equipment
II.A.14	**Nordberg Cone Crusher** Rating: 400 THP Manufacture Date: 1993 NSPS Subpart OOO Equipment
II.A.15	**Cedarapids Jaw Crusher - 30 x 42** Rating: 600 THP Manufacture Date: Unknown NSPS Subpart OOO Equipment
II.A.16	**Cedarapids Screen Plant - 4 x 14 and 4 x 12** Twin screens Manufacture Date: 1965
II.A.17	**El Jay Screen - 6 x 20** Manufacture Date: 1979
II.A.18	**El Jay Screen - 6 x 16** Manufacture Date: 1983 NSPS Subpart OOO Equipment

II.A.19	**El Jay Screen - 6 x 16** Manufacture Date: 1983 NSPS Subpart OOO Equipment
II.A.20	**El Jay Screen Plant - 6 x 16** Manufacture Date: 1983 NSPS Subpart OOO Equipment
II.A.21	**El Jay Screen Plant - 6 x 16** Twin Screens Manufacture Date: 1985 NSPS Subpart OOO Equipment
II.A.22	**El Jay Screen Plant - 6 x 20** Manufacture Date: 1988 NSPS Subpart OOO Equipment
II.A.23	**JCI Screen - 6 x 20** Manufacture Date: 1997 NSPS Subpart OOO Equipment
II.A.24	**Simplicity Screen - 6 x 20** Manufacture Date: 1997 NSPS Subpart OOO Equipment
II.A.25	**Screens (chip wash)** Listed for informational purposes only
II.A.26	**Diesel Generator Engine** Rating: 400 kW (536 hp) Manufacture Date: 1976 MACT Subpart ZZZZ
II.A.27	**Diesel Generator Engine** Rating: 200 kW (268 hp) Manufacture Date: 1977 MACT Subpart ZZZZ
II.A.28	**Diesel Generator Engine** Rating: 455 kW (610 hp) Manufacture Date: 2015 NSPS Subpart IIII MACT Subpart ZZZZ
II.A.29	**Natural Gas Generator Engine (new)** Rating: 150 kW (226 hp) Manufacture Date: 2022 NSPS Subpart JJJJ MACT Subpart ZZZZ
II.A.30	**Conveyors and Stacks** Various conveyors and stacks Manufacture Date: pre-2008 NSPS Subpart OOO Equipment

II.A.31	**One (1) Truck-Mix Concrete Batch Plant** The plant is rated at 80 cubic yards/hr of concrete Major equipment includes: Sand and aggregate hoppers and storage bins Conveyors Cement and fly ash silos and associated baghouses Concrete mixing trucks

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 REQUIREMENTS AND LIMITATIONS

II.B.1	**Site-Wide Requirements**
II.B.1.a	The owner/operator shall not produce more than 875,000 tons of processed aggregate per rolling 12-month period. [R307-401-8]
II.B.1.a.1	The owner/operator shall: A. Determine production with belt scale records, scale house records, or bucket scale records. B. Record production on a daily basis. C. Use the production data to calculate a new rolling 12-month total by the 20th day of each month using the data from the previous 12 months. D. Keep the production records for all periods the plant is in operation. [R307-401-8]
II.B.1.b	The owner/operator shall not produce more than 350 tons of aggregate per hour. [R307-401-8]
II.B.1.b.1	The owner/operator shall: A. Comply with the limit using data generated from a load cell monitor and associated software. B. Keep the records of hourly production for all periods when the plant is in operation. [R307-401-8]

II.B.1.c	The owner/operator shall not operate the generator engines on site for more than the following limits: A. 200 hours per rolling 12-month period for the 245-hp generator engine (II.A.2). B. 2,500 hours per rolling 12-month period for the 400-kW generator engine (II.A.26). C. 600 hours per rolling 12-month period for the 200-kW generator engine (II.A.27). D. 2,500 hours per rolling 12-month period for the 455-kW generator engine (II.A.28). E. 3,744 hours per rolling 12-month period for the 150-kW generator engine (II.A.29). [R307-401-8]
II.B.1.c.1	The owner/operator shall: A. Determine the hours of operation with a supervisor monitoring and maintenance of an operations log. B. Record the hours of operation daily. C. Use the hours of operation to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12 months. D. Keep the hours of operation records for all periods when the plant is in operation. [R307-401-8]
II.B.1.d	The owner/operators shall limit operations to the following number of units at one time: A. Two (2) screens; B. One (1) fines screen; and C. Four (4) crushers. [R307-401-8]
II.B.1.d.1	Records of plant configuration shall be kept on a weekly basis for all periods when the plant is in operation. [R307-401-8]

II.B.1.e	The owner operator shall not allow visible emissions from the following emission points to exceed the following values: A. All crushers - 15% opacity. B. All screens - 10% opacity. C. All conveyor transfer points - 10% opacity. D. All diesel engines - 20% opacity. E. All natural gas engines - 10% opacity. F. All conveyor drop points - 20% opacity. G. The truck-mix concrete batch plant and associated equipment - 10% opacity. H. All other fugitive dust emissions - 20% opacity. [40 CFR 60 Subpart OOO, R307-205, R307-401-8]
II.B.1.e.1	Opacity observations of emissions from stationary sources shall be conducted according to 40 CFR 60, Appendix A, Method 9. [R307-401-8]
II.B.2	**Roads and Fugitive Dust**
II.B.2.a	The owner/operator shall not allow visible fugitive dust emissions from haul-road traffic, mobile equipment, and all other sources in operational areas to exceed 20% opacity on site. [R307-401-8]
II.B.2.a.1	Visible emission determinations for fugitive dust from haul roads and operational areas 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 one-half vehicle length behind the vehicle and not less than one-half the height of the vehicle. [R307-401-8]
II.B.2.b	The owner/operator shall use water application and chemical suppressant on all haul roads and operational areas used by mobile equipment to maintain opacity limits listed in this AO. The owner/operator may stop applying water to the haul roads and operational areas when the temperature is below freezing. [R307-401-8]
II.B.2.c	The owner/operator shall apply water to all storage piles on site to control fugitive emissions. Sprays shall operate as required to maintain the opacity limits listed in this AO when the temperature is above freezing. Records of water treatment shall be kept for all periods when the plant is in operation. [R307-401-8]

II.B.2.c.1	Records of water and chemical suppressant application on all haul roads and operational areas used by mobile equipment shall be kept for all periods when the plant is in operation. The records shall include the following items: A. Date and time treatments were made. B. Number of treatments made and quantity of water applied. C. Rainfall amount received, if any. D. Records of temperature, if the temperature is below freezing. [R307-401-8]
II.B.2.d	The owner/operator shall not exceed 3 acres of total area of storage piles on site. [R307-401-8]
II.B.3	**Aggregate Processing Equipment**
II.B.3.a	The owner/operator shall install water sprays on all crushers, all screens, all conveyor transfer points, and all conveyor drop points on site to control emissions. Sprays shall operate as required to maintain the opacity limits listed in this AO when the temperature is above freezing. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.3.b	The owner/operator shall perform monthly periodic inspections to check that water is flowing to discharge spray nozzles associated with each crusher, screen, and conveyor. If the owner/operator finds that water is not flowing properly during an inspection of the water spray nozzles, the owner/operator shall initiate corrective action within 24 hours and complete corrective action as expediently as practical. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.3.b.1	Records of the water sprays inspections shall be kept and maintained in a logbook for all periods when the plant is in operation. The records shall include the following items: A. Date the inspections were made. B. Any corrective actions taken. C. Control mechanism used if sprays are not operating. [40 CFR 60 Subpart OOO, R307-401-8]
II.B.3.c	The owner/operator shall conduct an initial performance test for all crushers, screens, and conveyor transfer points listed as new in this AO and subject to 40 CFR 60 Subpart OOO within 60 days after achieving the maximum production rate but not later than 180 days after initial startup. Performance tests shall meet the limitations specified in Table 3 to Subpart OOO. Records of initial performance tests shall be kept and maintained with the equipment for the life of the equipment. [40 CFR 60 Subpart OOO]
II.B.3.c.1	Initial performance tests for fugitive emissions limits shall be conducted according to 40 CFR 60.675(c). The owner/operator may use methods and procedures specified in 40 CFR 60.675(e) as alternatives to the reference methods and procedures specified in 40 CFR 60.675(c). [40 CFR 60 Subpart OOO]
II.B.3.d	The owner/operator shall submit written reports to the Director of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672. [40 CFR 60 Subpart OOO]
II.B.4	**The owner/operator shall comply with the following requirements when generator engines are supplying power to the Concrete Batch Plant.**

II.B.4.a	The owner/operator shall not operate the facility, except the concrete batch plant, before 6:00 am or after 6:00 pm. [R307-401-8]
II.B.4.b	The owner/operator shall not operate the concrete batch plant before 4:00 am or after 6:00 pm or for more than 10 hours per day during the months of June through August. [R307-401-8]
II.B.4.c	The owner/operator shall not operate the concrete batch plant before 8:00 am or after 4:00 pm or for more than 8 hours per day during the months of December through February. [R307-401-8]
II.B.4.d	The owner/operator shall not operate the concrete batch plant before 6:00 am or after 5:00 pm or for more than 9 hours per day during the months of March through May and September through November. [R307-401-8]
II.B.4.e	The owner/operator shall not operate the 400 kW Generator Engine and the 455 kW Generator Engine at the same time. [R307-401-8]
II.B.4.f	The 150 kW natural gas generator engine and the 200 kw diesel-fueled generator engine shall not operate at the same time. [R307-401-8]
II.B.4.f.1	The owner/operator shall: A. Determine the hours of operation with supervisor monitoring and maintenance of an operations log. B. Record the start and end times and the hours of operation on a daily basis for the concrete batch plant and all other equipment on site. C. Keep records for all periods when the plant is in operation. [R307-401-8, R307-410-4]
II.B.5	**The owner/operator shall comply with the following requirements when line power supplies the electrical power to the Concrete Batch Plant.**
II.B.5.a	The owner/operator shall not operate the concrete batch plant before 4:00 am or after 10:00 pm or for more than 10 hours per day during the months of June through August. [R307-401-8]
II.B.5.b	The owner/operator shall not operate the facility, except the concrete batch plant, before 6:00 am or after 10:00 pm. [R307-401-8]
II.B.5.c	The owner/operator shall not operate the concrete batch plant before 6:00 am or after 10:00 pm or for more than 10 hours per day during the months of September through June. [R307-401-8]
II.B.5.d	The 150 kW natural gas generator engine and the 200 kW diesel-fueled generator engine shall not operate during times when line power is used for the concrete batch plant. [R307-401-8]
II.B.5.d.1	The owner/operator shall: A. Determine the hours of operation with supervisor monitoring and maintenance of an operations log. B. Record the start and end times and the hours of operation on a daily basis for the concrete batch plant and all other equipment on site. C. Keep records for all periods when the plant is in operation. [R307-401-8, R307-410-4]

II.B.6	**Truck-Mix Concrete Batch Plant**
II.B.6.a	The owner/operator shall not produce more than 224,640 cubic yards of concrete per rolling 12-month period. [R307-401-8]
II.B.6.a.1	The owner/operator shall: A. Determine production in hours of operation with each generator engine. B. Record production on a daily basis. C. Use each production data to calculate a new rolling 12-month total by the 20th day of each month using data from the previous 12 months. D. Keep the production records for all periods the plant is in operation. [R307-401-8]
II.B.6.b	The owner/operator shall install and operate a baghouse to control particulate emissions from each of the cement and fly ash silos during filling of the silos and truck loading operations. [R307-401-8]
II.B.7	**Generator Engines**
II.B.7.a	The owner/operator shall install a 150 kW (226 hp) generator engine that is certified to meet the following emission standards: A. NO_x - 1.0 g/hp-hr. B. CO - 2.0 g/hp-hr. C. VOC - 0.7 g/hp-hr. [40 CFR 60 Subpart JJJJ, R307-401-8]
II.B.7.a.1	The owner/operator shall keep a record of the manufacturer's certification of the emission rate. The record shall be kept for the life of the equipment. [R307-401-8]
II.B.7.b	The owner/operator shall only combust diesel fuel that meets the definition of ultra-low sulfur diesel (ULSD), which has a sulfur content of 15 ppm or less. [R307-401-8]
II.B.7.c	To demonstrate compliance with the ULSD 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 ULSD requirements. [R307-401-8]
II.B.7.d	The 400 kW (536 hp) generator engine shall be subject to the following emission standard in 40 CFR 63 Subpart ZZZZ: A. Limit CO concentrations to 23 ppmvd or reduce CO emissions by 70 percent or more. [40 CFR 63 Subpart ZZZZ, R307-401-8]
II.B.7.d.1	Initial performance tests shall be conducted as per 40 CFR 63.6612. Subsequent performance tests shall be conducted every 8,760 hours or 3 years, whichever comes first, as per Table 3 of 40 CFR 63 Subpart ZZZZ. Additional requirements in 40 CFR 63 Subpart ZZZZ may apply to this engine. [40 CFR 63 Subpart ZZZZ, R307-401-8]

II.B.7.e	The 455 kW (610 hp) generator engine shall meet all applicable requirements in 40 CFR 60 Subpart IIII and shall be certified to meet the following emission standards: 0.01 g/kW-hr of PM, 3.5 g/kW-hr of NO_x, 3.5 g/kW-hr of CO, and 0.4 g/kW-hr of NMHC. [40 CFR 60 Subpart IIII, R307-401-8]
II.B.7.e.1	To demonstrate compliance with the above conditions, the owner/operator shall either: A. Purchase a manufacturer-certified Tier IV engine, or B. Conduct an initial performance test to demonstrate exhaust emission standards according to 40 CFR 1039.240. [40 CFR 60 Subpart IIII, R307-401-8]
II.B.7.e.2	The owner/operator shall maintain records of engine certification or the initial performance test. [40 CFR 60 Subpart IIII, R307-401-8]
II.B.7.f	The 200 kW (268 hp) and the 183 kW (245 hp) diesel engines shall be subject to the following requirements in 40 CFR 63 Subpart ZZZZ: A. Change oil and filter every 1,000 hours of operation or annually, whichever comes first; B. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; C. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary. Additional requirements in 40 CFR 63 Subpart ZZZZ may apply to this engine. [40 CFR 63 Subpart ZZZZ, R307-401-8]

PERMIT HISTORY

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

Supersedes	AO DAQE-AN120660005-22 dated May 12, 2022
Is Derived From	NOI dated November 16, 2022
Incorporates	Additional information dated May 2, 2023
Incorporates	Additional information dated November 16, 2023
Incorporates	Additional information dated December 21, 2023
Incorporates	Additional information dated January 25, 2024
Incorporates	Additional information dated April 4, 2024
Incorporates	Additional information dated April 24, 2024
Incorporates	DAQE-MN120660006A-24 dated June 4, 2024

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