State of Utah

SPENCER J. COX
Governor

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Lieutenant Governor

Department of
Environmental Quality

Tim Davis
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-IN104630034-26

April 16, 2026

John Vincent
First Quality Home Care Products, LLC
3540 West 1987 South
Salt Lake City, UT 84104
JLVincent@firstquality.com

Dear Mr. Vincent:

Re: Intent to Approve: Modification to Approval Order DAQE-AN104630032-24 to Add Equipment and Update PTE
Project Number: N104630034

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, **Christine Bodell,** as well as the DAQE number as shown on the upper right-hand corner of this letter. Christine Bodell, can be reached at (385) 290-2690 or cbodell@utah.gov, if you have any questions.

Sincerely,

Alan D. Humpherys, Manager
New Source Review Section

ADH:CB:jg

cc: Salt Lake County Health Department
EPA Region 8

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

INTENT TO APPROVE
DAQE-IN104630034-26
Modification to Approval Order DAQE-AN104630032-24 to Add Equipment and Update PTE

Prepared By
Christine Bodell, Engineer
(385) 290-2690
cbodell@utah.gov

Issued to
First Quality Home Care Products, LLC - Detergent Manufacturing Plant

Issued On
April 16, 2026

New Source Review Section Manager
Alan D. Humpherys

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GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name
First Quality Home Care Products, LLC

Source Name
First Quality Home Care Products, LLC - Detergent Manufacturing Plant

Mailing Address
3540 West 1987 South
Salt Lake City, UT 84104

Physical Address
3540 West 1987 South
Salt Lake City, UT 84104

Source Contact
Name: John Vincent
Phone: (385) 766-0364
Email: JLVincent@firstquality.com

UTM Coordinates
417,544 m Easting
4,509,170 m Northing
Datum NAD83
UTM Zone 12

SIC code 2841 (Soaps & Other Detergent, Except Specialty Cleaners)

SOURCE INFORMATION

General Description
First Quality Home Care Products, LLC (FQHCP) operates a soap and detergent manufacturing plant in Salt Lake City. Emissions are primarily associated with particulate matter control equipment and natural gas combustion in a variety of boilers and emergency generators. FQHCP employs baghouses, bin vents, dust collectors, and scrubbers.

NSR Classification
Minor Modification at Minor Source

Source Classification
Located in Northern Wasatch Front O3 NAA, Salt Lake County SO_2 NAA
Salt Lake County
Airs Source Size: SM

Applicable Federal Standards
NSPS (Part 60), A: General Provisions
NSPS (Part 60), Dc: Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units
NSPS (Part 60), Kb: Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984, and On or Before October 4, 2023

MACT (Part 63), A: General Provisions
MACT (Part 63), ZZZZ: National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Project Description
FQHCP has requested a modification to AO DAQE-AN104630032-24, dated April 24, 2024, for the following changes:

1. Add one (1) 18,000-gallon organic solution storage tank. The tank (Tank 68) will be added to the storage tanks list under Equipment ID# II.A.15.
2. Add three (3) natural gas-fired boilers, each rated less than 2 MMBtu/hr. These will be added to the boilers list under Equipment ID# II.A.7.
3. Update the rating of the natural gas-fired, 6.4 MMBtu/hr boiler (Equipment ID# II.A.7(2)) to 6.3 MMBtu/hr.
4. Change the owner/operator of the AO (formally Henkel Corporation) to FQHCP.
5. Update the VOC PTE from organic liquid storage tanks.
6. Update the CO_2 Equivalent PTE to reflect the most up-to-date global warming potentials.
7. Update the identification numbers of all tanks on site to as follows:

2024 AO Tank ID	**New Tank ID**
Tank 52	Tank 76
Tank 60	Tank 77
Tank 63	Tank 155
Tank 63A	Tank 63A (no change)
Tank 66	Tank 72
Tank 1	Tank 152
Tank 2	Tank 158
Tank 21	Tank 5
Tank 22	Tank 154
Tank 23	Tank 117
Tank 27	Tank 153
Tank 45	Tank 90
Tank 49	Tank 156
Tank 65	Tank 65 (no change)
Tank 65A	Tank 67

The tanks themselves (types, capacities, and contents) are not changing.

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)
Ammonia	0	0.85
CO_2 Equivalent	1947	21041.00
Carbon Monoxide	1.36	14.83
Nitrogen Oxides	1.62	17.81

Particulate Matter - PM_{10}	0.13	28.52
Particulate Matter - $PM_{2.5}$	0.12	28.39
Sulfur Dioxide	0.01	0.14
Volatile Organic Compounds	-0.30	9.57

Hazardous Air Pollutant	**Change (lbs/yr)**	**Total (lbs/yr)**
Formaldehyde (CAS #50000)	2	38
Generic HAPs (CAS #GHAPS)	0	35
Glycol Ethers (CAS #EDF109)	0	186
Hexane (CAS #110543)	59	630
Methanol (CAS #67561)	0	634
	Change (TPY)	**Total (TPY)**
Total HAPs	0.03	0.76

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 Salt Lake Tribune on April 19, 2026. 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]
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	**Detergent Manufacturing Plant**
II.A.2	**Baghouses and Bin Vents- Group #2** Outlet Emissions Rate: 0.02 grains/dscf Designations: LSL-6, SODA BV-1, LSL-9, LQD-5, LSL-1 Outlet Emissions Rates: 0.007 grains/dscf Designation: LSL-4
II.A.3	**Baghouses and Bin Vents- Group #3** Outlet Emission Rates: 0.005 grains/dscf Designations: LSL-8
II.A.4	**Baghouses and Bin Vents- Group #4** Outlet Emission Rate: 0.016 grains/dscf Designations: MESBH-1 and MESBV-2
II.A.5	**One (1) Scrubber** LSS-3/1 Model: Clean Gas System Size 54

II.A.6	**One (1) Conditioning Drum** Designation: LSL-3 Rating: 2.5 MMBtu/hr Fuel: Natural Gas
II.A.7	**Boilers** Fuel: Natural Gas Ratings: (1) 8.37 MMBtu/hr (2) 6.3 MMBtu/hr (3) 14.0 MMBtu/hr Various boilers, each rated < 5 MMBtu/hr (for information purposes only)
II.A.8	**Five (5) Heat transfer Labelers** Four (4) heat transfer labelers: Four (4) burners each Labeler Ratings: 0.17 MMBtu/hr Each (42,000 Btu/hr per burner) One (1) heat transfer labeler: Six (6) burners Labeler Rating: 0.25 MMBtu/hr Each (42,000 Btu/hr per burner)
II.A.9	**VideoJet Coders** Including 32 VideoJet coders
II.A.10	**One (1) Emergency Generator Engine** Fuel: Diesel Engine Rating: 74 hp Manufacture Year: 2004 NSPS Applicability: None MACT Applicability: Subpart ZZZZ
II.A.11	**One (1) Emergency Generator Engine** Fuel: Natural Gas Rating: 16 hp Manufacture Year: 1969 NSPS Applicability: None MACT Applicability: Subpart ZZZZ
II.A.12	**Six (6) Pre-mixers**
II.A.13	**One (1) Paint booth** Rating: 2,000 scfm equipped Control: high-efficiency over spray filters

II.A.14	**Ethanol and Other Organic Solution Storage Tanks** Tank 76* Capacity: 29,000 gallons Contents: Citric Acid Tank 77* Capacity: 29,000 gallons Contents: Denatured Ethanol Tanks 155 & 63A Capacity: 34,000 gallons each Contents: Volatile Organic Liquid with a True Vapor Pressure not to exceed 34.3 kPa NSPS Applicability: Subpart Kb Tank 72* Capacity: 29,000 gallons Contents: Polyethylene glycol (PEG) 400 * NSPS Applicability: None * Contain liquid with a VOC maximum true vapor pressure less than 15.0 kPa.
II.A.15	**Storage Tanks** **Tank # Capacity (gallons)** Tank 152 34,000 Tank 158 32,700 Tank 5 21,000 Tank 154 34,000 Tank 117 29,000 Tank 153 34,000 Tank 90 21,000 Tank 156 34,000 Tank 65 34,000 Tank 67 34,000 Tank 68 (new) 18,000 NSPS Applicability: None Above tanks, except for Tank 2, contain a liquid with a VOC maximum true vapor pressure less than 15.0 kPa. Tank 2 does not contain a volatile organic liquid.
II.A.16	**Two (2) Vacuum pumps** MESVP-1 & MESVP-2 Rating: 704 cfm each Model Busch RC1000 for MES conveying system
II.A.17	**One (1) Blower** LSL-10 Rating: 600 cfm
II.A.18	**Plastic processing equipment** Plastic and additive transfer, storage, mixing, and grinding equipment Control: 13 sock filters
II.A.19	**Blow molding equipment** Vents in the blow molding area
II.A.20	**Five (5) Electrostatic precipitators** Smog Hog ESP mist collectors in the blow molding area

II.A.21	**Six (6) Cooling towers**
II.A.22	**Four (4) Maintenance shops** Including: parts cleaners, welding equipment, exhaust vents, welding fume collector, and grit blasting equipment
II.A.23	**Hoods** Miscellaneous ventilation hoods in QA labs
II.A.24	**Miscellaneous equipment** Liquid transfer, storage, and mixing equipment, including raw material and product storage tanks, pumps, vents, blending equipment, and bottle-filling equipment

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 Opacity Requirement**
II.B.1.a	The owner/operator shall not allow visible emissions to exceed 20% opacity unless otherwise specified within this AO. [R307-401-8]
II.B.1.a.1	Unless otherwise specified in this AO, opacity observations of visible emissions from stationary sources shall be conducted in accordance with 40 CFR 60, Appendix A, Method 9. [R307-305-3]
II.B.2	**Site-Wide Natural Gas Requirements**
II.B.2.a	The owner/operator shall not consume more than 533.7 million standard cubic feet (MMscf) of natural gas per rolling 12-month period. [R307-401-8]
II.B.2.a.1	The owner/operator shall: A. Determine consumption by utility billing statements B. Record consumption on a monthly basis C. Use the consumption 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 consumption records for all periods the plant is in operation. [R307-401-8]
II.B.3	**Liquid Detergent Production Requirements**
II.B.3.a	The owner/operator shall not produce more than 1,700,000,000 pounds of liquid detergents per rolling 12-month period. [R307-401-8]

II.B.3.a.1	The owner/operator shall: A. Determine production with production 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 data from the previous 12 months D. Keep the production records for all periods the plant is in operation. [R307-401-8]
II.B.4	**Scrubber Requirements.**
II.B.4.a	The owner/operator shall maintain the liquid flow rate of Scrubber LSS-3/1 to not be less than 56 gallons/minute while the source and scrubber are operating. [R307-401-8]
II.B.4.a.1	The liquid flow rate shall be monitored with a flow meter located such that an inspector/operator can safely read the output anytime. [R307-401-8]
II.B.4.a.2	The owner/operator shall install, calibrate, maintain, and operate each monitoring device certified by the manufacturer. Calibration shall be on an annual basis according to the manufacturer's instructions. Daily records of reading shall be maintained. [R307-401-8]
II.B.5	**VOC and HAP Requirements.**
II.B.5.a	The owner/operator shall not allow visible emissions from the printing press dryers to exceed 10% opacity. [R307-401-8]
II.B.5.b	The owner/operator shall not emit more than the following from evaporative sources (painting, printing, coating, and/or cleaning) on site: 8.94 tons of VOCs including HAPs, per rolling 12-month period 0.43 tons of all other HAPs combined per rolling 12-month period. [R307-351, R307-401-8]
II.B.5.b.1	The owner/operator shall calculate a new 12-month total by the 20th day of each month using data from the previous 12 months. The owner/operator shall use a mass-balance method to calculate emissions from evaporative sources. The owner/operator may use the following equations with applicable units to comply with the mass-balance method: VOCs = [% VOCs by Weight/100] x [Density] x [Volume Consumed] HAP = [% HAP by Weight/100] x [Density] x [Volume Consumed]. [R307-401-8]

II.B.5.b.2	The owner/operator shall keep records each month of the following: A. The name (as per the Safety Data Sheet) of the VOC- and HAP-emitting material B. The maximum percent by weight of VOCs and each HAP in each material used C. The density of each material used D. The volume of each VOC- and HAP-emitting material used E. The amount of VOCs and the amount of each HAP emitted from each material F. The amount of VOCs and the amount of each HAP reclaimed and/or controlled from each material G. The total amount of VOCs, the total amount of each HAP, and the total amount of all HAPs combined emitted from all materials (in tons). [R307-401-8]
II.B.5.c	The owner/operator shall store VOC- or HAP-containing materials and VOC- or HAP-laden rags in covered containers except when in use. [R307-401-8]
II.B.5.d	The owner/operator shall comply with the applicable requirements in R307-325 and R307-335. [R307-325, R307-335]
II.B.6	**Storage Tank (Storage Vessel) Requirements**
II.B.6.a	The owner/operator shall not process more than the following throughput for the indicated tanks: A. Tank 76: 63,510,000 gallons of Citric Acid per rolling 12-month period B. Tank 77: 606,466 gallons of Ethanol per rolling 12-month period C. Tanks 155 & 63A: 3,495,680 gallons, combined, of volatile organic liquids with a true vapor pressure no more than 34.3 kPa per rolling 12-month period D. Tank 72: 63,510,000 gallons of PEG 400 per rolling 12-month period. [R307-401-8]
II.B.6.a.1	The owner/operator shall: A. Determine the volume processed through each tank using process flow meters and/or sales records. B. Determine true vapor pressure with ASTM Method 2879 C. Record the volume processed through each tank on a daily basis D. Use the monthly volume processed through each tank record to calculate a new 12-month total by the 20th day of each month using data from the previous 12 months E. Keep the volume processed through each tank record for all periods the plant is in operation. [R307-401-8]

II.B.6.b	The owner/operator shall not process a volatile organic liquid that contains any HAP and/or VOC except for ethanol through Tanks 155 & 63A. [R307-401-8]
II.B.6.b.1	To demonstrate compliance with the above condition, the owner/operator shall maintain records of the Safety Data Sheet (SDS) for the organic liquid. [R307-401-8]
II.B.6.c	The owner/operator shall keep the storage tank thief hatches and other tank openings closed and sealed except during tank unloading or other maintenance activities. [R307-401-8]
II.B.6.d	The owner/operator shall install a carbon canister of both Tank 155 and Tank 63A with a control efficiency of no less than 95%. [40 CFR 60 Subpart Kb, R307-401-8]
II.B.6.d.1	To demonstrate compliance with the above condition, the owner/operator shall maintain records of the manufacturer's emissions guarantee for the installed carbon canister filters. [R307-401-8]
II.B.6.e	The owner/operator shall inspect and replace each carbon canister in accordance with the manufacturer's recommendations to ensure the 95% control efficiency is met. [R307-401-8]
II.B.6.e.1	The owner/operator shall maintain records of each carbon canister inspection and replacement. [R307-401-8]
II.B.7	**Baghouses and Bin Vents Requirements.**
II.B.7.a	The owner/operator shall not allow visible emissions from baghouses and bin vents to exceed 10% opacity. [R307-305, R307-401-8]
II.B.7.b	The owner/operator shall install a manometer or magnehelic pressure gauge to measure the pressure drop across each baghouse filter. [R307-401-8]
II.B.7.b.1	The pressure gauges shall be located such that a UDAQ representative/operator can safely read the indicator at any time. [R307-401-8]
II.B.7.b.2	The pressure gauges shall each measure the pressure drop in 1-inch water column increments or less. [R307-401-8]
II.B.7.c	During operation of the baghouses, the owner/operator shall maintain the static pressure drop across each baghouse between 1.0 and 6.0 inches of water column. [R307-401-8]
II.B.7.c.1	The owner/operator shall record the pressure drop at least once per operating day while each baghouse is operating. [R307-401-8]
II.B.7.c.2	The owner/operator shall maintain the following records of the pressure drop readings: A. Unit identification; B. Date of reading; C. Daily pressure drop readings. [R307-401-8]
II.B.7.d	At least once every 12 months, the owner/operator shall calibrate the pressure gauges in accordance with the manufacturer's instructions or replace the gauges. [R307-401-8]
II.B.7.d.1	The owner/operator shall maintain records of all pressure gauge calibrations and replacements. [R307-401-8]

II.B.8	**Combustion Equipment Requirements.**
II.B.8.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 on site 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 63 Subpart ZZZZ, R307-401-8]
II.B.8.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. [R307-401-8]
II.B.8.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]
II.B.8.b	The owner/operator shall only use diesel fuel (e.g., fuel oil #1, #2, or diesel fuel oil additives) as fuel in the 74 hp emergency engine. The owner/operator shall only use natural gas as fuel in the conditioning drum heater, the 16 hp emergency engine, and all the boilers, water heaters, and heat transfer labelers. [R307-401-8]
II.B.8.b.1	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.8.b.2	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.8.c	The owner/operator shall not allow visible emissions from any natural gas combustion equipment on site to exceed 10% opacity. [R307-201]
II.B.8.d	The owner/operator shall install boilers that each have low NO_x burners certified by the manufacturer. [R307-401-8]
II.B.8.e	The owner/operator shall keep the manufacturer certification for each low NO_x burners on site as long as each boiler is in operation. [R307-401-8]
II.B.8.e.1	To demonstrate compliance with the above condition, the owner/operator shall maintain records of the manufacturer's emissions guarantee for the installed low-NO_x burners. [R307-401-8]
II.B.8.f	The owner/operator shall comply with all applicable requirements of UAC Rule R307-315 (NO_x and CO Emission Controls for Natural Gas-Fired Boilers 2.0-5.0 MMBtu) and UAC Rule R307-316 (NO_x and CO Emission Controls for Natural Gas-Fired Boilers Greater Than 5.0 MMBtu). [R307-315, R307-316]

PERMIT HISTORY

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

Supersedes	AO DAQE-AN104630032-24 dated April 24, 2024
Is Derived From	NOI dated January 12, 2026
Incorporates	Additional Information dated February 18, 2026

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