



State of Utah

SPENCER J. COX
Governor

DEIDRE HENDERSON
Lieutenant Governor

Department of
Environmental Quality

Kimberly D. Shelley
Executive Director

DIVISION OF AIR QUALITY
Bryce C. Bird
Director

DAQE-AN120900003-24

September 10, 2024

Jon Fetzer
Regence Blue Cross Blue Shield of Utah
2890 East Cottonwood Parkway
Cottonwood Heights, UT 84121
Jon.Fetzer@cambiahealth.com

Dear Mr. Fetzer:

Re: Approval Order: Administrative Amendment to Approval Order DAQE-AN0120900002-11 for a
10-Year Review and Permit Updates
Project Number: N120900003

The attached Approval Order (AO) is issued pursuant to the Division of Air Quality conducting a 10-year administrative review of this source and its respective AO. Regence Blue Cross Blue Shield of Utah must comply with the requirements of this AO, all applicable state requirements (R307), and Federal Standards.

The project engineer for this action is **Katie Andersen**, who can be contacted at (385) 515-1748 or kandersen@utah.gov. Future correspondence on this AO should include the engineer's name as well as the DAQE number shown on the upper right-hand corner of this letter.

Sincerely,

Bryce C. Bird
Director

BCB:KA:jg

cc: Salt Lake County Health Department

STATE OF UTAH
Department of Environmental Quality
Division of Air Quality

APPROVAL ORDER
DAQE-AN120900003-24
Administrative Amendment to Approval Order
DAQE-AN0120900002-11 for a 10-Year Review
and Permit Updates

Prepared By
Katie Andersen, Engineer
(385) 515-1748
kandersen@utah.gov

Issued to
Regence Blue Cross Blue Shield of Utah - Data Center

Issued On
September 10, 2024

Issued By

A handwritten signature in black ink, appearing to read "Bryce C. Bird".

Bryce C. Bird
Director
Division of Air Quality

TABLE OF CONTENTS

TITLE/SIGNATURE PAGE	1
GENERAL INFORMATION	3
CONTACT/LOCATION INFORMATION	3
SOURCE INFORMATION	3
General Description	3
NSR Classification.....	3
Source Classification	3
Applicable Federal Standards	3
Project Description.....	3
SUMMARY OF EMISSIONS.....	4
SECTION I: GENERAL PROVISIONS	4
SECTION II: PERMITTED EQUIPMENT	5
SECTION II: SPECIAL PROVISIONS.....	5
PERMIT HISTORY	6
ACRONYMS	7

GENERAL INFORMATION

CONTACT/LOCATION INFORMATION

Owner Name

Regence Blue Cross Blue Shield of Utah

Source Name

Regence Blue Cross Blue Shield of Utah - Data Center

Mailing Address

2890 East Cottonwood Parkway
Cottonwood Heights, UT 84121

Physical Address

2890 East Cottonwood Parkway
Cottonwood Heights, UT 84121

Source Contact

Name: Jon Fetzer
Phone: (385) 261-6413
Email: Jon.Fetzer@cambiahealth.com

UTM Coordinates

431,472 m Easting
4,498,287 m Northing
Datum NAD83
UTM Zone 12

SIC code 6324 (Hospital & Medical Service Plans)

SOURCE INFORMATION

General Description

Regence Blue Cross Blue Shield of Utah operates an insurance office in Cottonwood Heights, Salt Lake County. Equipment at the site consists of four (4) boilers and two (2) standby emergency generators.

NSR Classification

10-Year Review

Source Classification

Located in Northern Wasatch Front O3 NAA, Salt Lake City UT PM_{2.5} NAA, Salt Lake County SO₂ NAA
Salt Lake County
Airs Source Size: B

Applicable Federal Standards

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

This is a 10-Year Review to update the language, format, and layout of the Approval Order to match current DAQ permitting standards.

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	-2022.00	3966.00
Carbon Monoxide	1.33	2.98
Nitrogen Oxides	-3.02	7.06
Particulate Matter - PM ₁₀	-0.53	0.31
Particulate Matter - PM _{2.5}	-0.53	0.31
Sulfur Dioxide	0	0.02
Volatile Organic Compounds	0.04	0.30

Hazardous Air Pollutant	Change (lbs/yr)	Total (lbs/yr)
Generic HAPs (CAS #GHAPS)	40	120
	Change (TPY)	Total (TPY)
Total HAPs	0.02	0.06

SECTION I: GENERAL PROVISIONS

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

II.A THE APPROVED EQUIPMENT

II.A.1	Regence Blue Cross Blue Shield of Utah Data Center
II.A.2	<p>Various Natural Gas-Fired Boilers Rating: less than 5 MMBtu/hr each Fuel: Natural Gas</p> <p>For information purposes</p>
II.A.3	<p>Emergency Generator Engines Two (2) rated at 1,500 kW - each Fuel: diesel or fuel oil Manufacture Dates: Pre-1997</p> <p>NSPS Applicability: None MACT Applicability: Subpart ZZZZ</p>

SECTION II: SPECIAL PROVISIONS

II.B REQUIREMENTS AND LIMITATIONS

II.B.1	The Regence Blue Cross Blue Shield of Utah Data Center plant shall be subject to the following
II.B.1.a	<p>The owner/operator shall not visible emissions from the following emission points to exceed the following values:</p> <p>A. All boilers - 10% opacity. B. All other points - 20% opacity.</p> <p>[R307-401-8]</p>
II.B.1.a.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.1.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. [40 CFR 63 Subpart ZZZZ, R307-401-8]
II.B.1.b.1	The sulfur content shall be determined by ASTM Method D-4294-89 or approved equivalent. Certification of other fuels shall be either by Regence Blue Cross Blue Shield of Utah's own testing or test reports from the fuel marketer. [R307-401-8]

II.B.1.c	The owner/operator shall not operate each emergency engine on site for more than 100 hours per rolling 12-month period during non-emergency situations. There is no time limit on the use of the engines during emergencies. [40 CFR 63 Subpart ZZZZ]
II.B.1.c.1	<p>To determine compliance with a 12-month total, the owner/operator shall calculate a new 12-month total by the 20th day of each month using data from the previous 12 months. Records documenting the operation of each emergency engine shall be kept in a log and shall include the following:</p> <ul style="list-style-type: none"> A. The date the emergency engine was used. B. The duration of operation in hours. C. The reason for the emergency engine usage. <p>[40 CFR 63 Subpart ZZZZ]</p>

PERMIT HISTORY

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

Supersedes

AO DAQE-AN0120900002-11 dated August 9, 2011

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