



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone 304/926-0475

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

October 26, 2015

CERTIFIED MAIL
91 7199 9991 7035 6613 6090

James Stephens
1244 Martins Branch Road
Charleston, WV 25312

RE: Approved Registration G35-A072A
Caraline Energy Company, Inc.
Main Line Compressor Station
Facility ID No. 035-00052

Dear Mr. Stephens:

The Director has determined that the submitted Registration Application and proposed update and operation of a natural gas compressor station demonstrates eligibility and compliance with the requirements, provisions, standards and conditions of General Permit G35-A and hereby grants General Permit registration authorizing the proposed activity.

Please be aware of the actions required in Monitoring Requirements, Testing Requirements, Recordkeeping Requirements, and the Reporting Requirements.

Should you have any questions, please contact the undersigned engineer at (304)926-0499 ext. 1222.

Sincerely,



Roy F. Kees, P.E.
Engineer - NSR Permitting

Enclosures: Registration G35-A072A
General Permit G35-A

c: Rich Lathey
Shannon Cox, Triad Engineering

West Virginia Department of Environmental Protection
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Class II General Permit G35-A Registration to Update



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation, Administrative Update and
Operation of Natural Gas Compressor Stations
With Glycol Dehydration Units, Flares, or Other Specified Control Devices Herein

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G35-A.*

G35-A072A

Issued to:

Caraline Energy Company, Inc.
Main Line Compressor Station
035-00052

A handwritten signature in blue ink, appearing to read "William F. Durham", written over a horizontal line.

William F. Durham
Director

Issued: October 26, 2015

This General Permit Registration Supercedes and Replaces G35-A072.

Facility Location: Statts Mill, Jackson County, West Virginia
Mailing Address: 1244 Martins Branch Road, Charleston, WV 25312
Facility Description: Natural gas compressor station
SIC Codes: 1381
UTM Coordinates: 446.973 km Easting • 4288.928 km Northing • Zone 17
Registration Type: Class II Administrative Update
Description of Change: Replacing existing compressor engine.

Subject to 40CFR60 Subpart III? No
Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

This source is not subject to 45CSR30.

All registered facilities under Class II General Permit G35-A are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G35-A apply to the registrant:

- | | | |
|------------|---|-------------------------------------|
| Section 5 | Reciprocating Internal Combustion Engines (R.I.C.E.) | <input checked="" type="checkbox"/> |
| Section 6 | Boilers, Reboilers, and Line Heaters | <input checked="" type="checkbox"/> |
| Section 7 | Tanks | <input checked="" type="checkbox"/> |
| Section 8 | Emergency Generators | <input type="checkbox"/> |
| Section 9 | Dehydration Units Not Subject to MACT Standards | <input checked="" type="checkbox"/> |
| Section 10 | Dehydration Units Not Subject to MACT Standards and being controlled by a flare control device | <input type="checkbox"/> |
| Section 11 | Dehydration Units Not Subject to MACT Standards being controlled by recycling the dehydration unit back to the flame zone of the reboiler | <input type="checkbox"/> |
| Section 12 | Dehydration Units Not Subject to MACT Standards and being controlled by a thermal oxidizer | <input type="checkbox"/> |
| Section 13 | Permit Exemption (Less than 1 ton/year of benzene exemption) | <input checked="" type="checkbox"/> |
| Section 14 | Permit Exemption (40CFR63 Subpart HH – Annual average flow of gas exemption (3 mmscf/day)) | <input type="checkbox"/> |
| Section 15 | Permit Exemption (40CFR63 Subpart HHH – Annual average flow of gas exemption (10 mmscf/day)) | <input type="checkbox"/> |
| Section 16 | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ) | <input type="checkbox"/> |

Emission Units

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity
CE-2	Ajax DPC-360 LE	2015	346 hp / 400 rpm
RBV-1	TEG Reboiler	2010	125 mmBtu/hr
RSV-1	TEG Regenerator Still Vent	2010	3.2 mmscf/day
T01	Wastewater Tank	2010	2,100 Gallons
T02	Wastewater Tank	2010	2,100 Gallons
T03	Dehy Condensate Tank	2010	1,260 Gallons

Reciprocating Internal Combustion Engines (R.I.C.E.) Information

Emission Unit ID	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 5.1.4/5.2.1 (Catalytic Reduction Device)
CE-2	No	No	No

Emission Limitations

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
CE-1	Ajax DPC-360 LE Compressor Engine	Nitrogen Oxides	1.53	6.70
		Carbon Monoxide	0.84	3.67
		Volatile Organic Compounds	0.38	1.67
		Formaldehyde	0.46	2.01
RBV-1	Glycol Dehydrator Reboiler	Nitrogen Oxides	0.04	0.17
		Carbon Monoxide	0.01	0.05
RSV-1	Glycol Dehydrator Still Vent	Volatile Organic Compounds	1.28	5.62
		Benzene	--	0.01
		Toluene	--	0.01
		Xylenes	--	0.01
		n-Hexane	0.02	0.09