

West Virginia Department of Environmental Protection
Earl Ray Tomblin
Governor

Division of Air Quality

Randy C. Huffman
Cabinet Secretary

Class II General Permit G35-A Registration to Class II Administrative 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-A031B

Issued to:

Dominion Transmission, Inc.
Maxwell Station
017-00005

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

William F. Durham
Director

Issued: July 15, 2015

This Class II General Permit Registration will supercede and replace G30-A031A.

Facility Location: Porto Rico, Doddridge County, West Virginia
Mailing Address: 445 West Main Street,
Clarksburg, WV 26301
Facility Description: Natural gas compressor station
SIC Codes: 4922
UTM Coordinates: 520.53 km Easting • 4336.75 km Northing • Zone 17
Registration Type: Class II Administrative Update
Description of Change: Installation and operation of one (1) 515-bhp compressor engine, modification of one (1) 4.25 mmscf/day TEG dehydration unit, and removal of one (1) 440-bhp compressor engine.

Subject to 40CFR60 Subpart IIII? 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.

The 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 checked="" 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 checked="" 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 checked="" type="checkbox"/>

Emission Units

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity
CE-1	Caterpillar G3508 LE Compressor Engine	2015	515 bhp
RBV-1	NATCO Glycol Dehydration Unit Reboiler	2009	0.3 mmBtu/hr
RSV-1	NATCO Glycol Dehydration Still Vent	2009	4.25 mmscf/day
TK01	Engine Oil Tank	Existing	3,000 gallons
TK02	Ethylene Glycol Tank	Existing	2,000 gallons
TK03	Ice Check Tank	Existing	200 gallons
TK04	Produced Fluids Tank	Existing	4,000 gallons
TK05	Triethylene Glycol	Existing	550 gallons

Control Devices

F-1	Flare (controlling still vent)	2009	4.0 mmBtu/hr
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Emission Limitations

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
CE-1	Caterpillar G3508 LE Compressor Engine	Nitrogen Oxides	2.27	9.95
		Carbon Monoxide	1.70	7.46
		Volatile Organic Compounds	0.42	1.84
		Formaldehyde	0.23	1.00
RBV-1	Glycol Dehydrator Reboiler	Nitrogen Oxides	0.03	0.13
		Carbon Monoxide	0.03	0.11
		Volatile Organic Compounds	0.01	0.01
		Sulfur Dioxide	0.01	0.01
		Particulate Matter-10	0.01	0.01
RSV-1	Glycol Dehydrator Regenerator Still Vent	Volatile Organic Compounds	4.52	19.79
		Benzene	0.02	0.09
		Ethylbenzene	0.03	0.14
		Toluene	0.05	0.23
		Xylenes	0.09	0.39
		n-Hexane	0.05	0.24
EG01	Cummins GM8.1	Nitrogen Oxides	0.03	0.01
		Carbon Monoxide	0.39	0.10
		Volatile Organic Compounds	0.19	0.05
		Sulfur Dioxide	0.01	0.01
		Particulate Matter-10	0.02	0.01
		Formaldehyde	0.03	0.01
EG02	Cummins GM8.1	Nitrogen Oxides	0.03	0.01
		Carbon Monoxide	0.39	0.10
		Volatile Organic Compounds	0.19	0.05
		Sulfur Dioxide	0.01	0.01
		Particulate Matter-10	0.02	0.01
		Formaldehyde	0.03	0.01