

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 Modify



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-A117

Issued to:

Dominion Transmission Inc
South Oxford Station
085-00015

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

William F. Durham
Director

Issued: February 4, 2015

This Class II General Permit Registration will supersede and replace G30-A010.

Facility Location: Oxford, Ritchie County, West Virginia
Mailing Address: 445 West Main Street
Clarksburg, WV 26301
Facility Description: Natural Gas Compression and Dehydration
SIC Codes: 1311
UTM Coordinates: 510.833 km Easting • 4,338.691 km Northing • Zone 17
Registration Type: Modification
Description of Change: Installation of a 50.8 bhp emergency generator and updating of the dehydration unit emissions.

Subject to 40CFR60 Subpart IIII? No

Subject to 40CFR60 Subpart JJJJ? Yes

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 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 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
RSV-1	TEG Dehydration Unit Still Vent NATCO 5GR-250-KR-100155C	2000	4.0 mmscf/day
EG01	Emergency Generator Engine Baldor – PSI IGLC35-2G	2015	50.8 bhp
CE-1	Caterpillar G3508 TA LE	2000	633 bhp
RB-1	TEG Dehydration Unit Reboiler	2000	0.25 mmBtu/hr
TK A-1	Engine Oil Tank	Existing	2,000 gallons
TK I-1	Produced Fluids Tank	Existing	3,000 gallons
TK E-1	Used Oil Tank	Existing	1,000 gallons
TK TEG	Triethylene Glycol Tank	Existing	1,000 gallons

Emission Limitations

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
RB-1	TEG Dehydration Unit Reboiler	Nitrogen Oxides	0.02	0.07
		Carbon Monoxide	0.01	0.03
CE-1	Compressor Engine Caterpillar G3508 TA LE	Nitrogen Oxides	3.14	13.76
		Carbon Monoxide	2.23	9.78
		Volatile Organic Compounds	0.43	1.90
		Formaldehyde	0.37	1.65
RSV-1	TEG Dehydration NATCO Still Vent	Volatile Organic Compounds	4.05	17.75
		Benzene	0.08	0.37
		Ethylbenzene	0.15	0.64
		Toluene	0.16	0.70
		Xylenes	0.20	0.88
		n-Hexane	0.14	0.60
EG-01	Emergency Generator Engine Baldor - PSI IGLC35-2G 50.8 bhp	Nitrogen Oxides	0.89	0.22
		Carbon Monoxide	34.33	8.58
		Volatile Organic Compounds	0.89	0.22