

West Virginia Department of Environmental Protection
Earl Ray Tomblin
Governor

Division of Air Quality

Randy C. Huffman
Cabinet Secretary

G60-C Registration to Construct



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation, Administrative Update and
Operation of Emergency Generators

*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 G60-C.*

G60-C072

Issued to:
Highland Hospital Association
Chalreston Facility
039-00659

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

William F. Durham
Director

Effective: April 20, 2015

Facility Location: Charleston, Kanawha County, West Virginia
Mailing Address: 300 56th Street SE, Charleston
Facility Description: Psychiatric and Substance Abuse Hospitals
SIC Codes: 8063
UTM Coordinates: 450.28858 km Easting • 4204.90617 km Northing • Zone 17
Registration Type: Construction
Description of Change: Installation and operation of (2) emergency generators. for the purpose of providing back-up electrical power for critical operating functions for their facility located at the Highland-Charleston Hospital at 300 56th St. SE in Charleston, West Virginia.
Subject to 40CFR60 Subpart III? Yes
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 permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

All registered facilities under Class II General Permit G60-C are subject to Sections 1.0, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G60-C apply to the registrant:

- Section 5 Reciprocating Internal Combustion Engines (R.I.C.E.)
- Section 6 Tanks
- Section 7 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart IIII)
- Section 8 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)

Emission Units

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
EG-1	Cummins/QST30-G5-NR2	2012	1490 bhp / 1800 rpm
EG-2	Cummins/QSL9-G3-NR3	2012	476 bhp / 1800 rpm
T01	Fuel Tank, 2,500 gallons, Diesel	2012	NA
T02	Fuel Tank, 1,500 gallons, Diesel	2012	NA

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)
EG-1	Yes	No	No
EG-2	Yes	No	No

Emission Limitations

Emission Unit	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
Cummins/QS T30-G5-NR2	Nitrogen Oxides	15.67	3.92
	Carbon Monoxide	8.57	2.14
	Volatile Organic Compounds	1.05	0.26
	Sulfur Dioxide	0.02	0.005
	Particulate Matter	0.49	0.12
Cummins/QS L9-G3-NR3	Nitrogen Oxides	3.13	0.78
	Carbon Monoxide	2.74	0.68
	Volatile Organic Compounds	1.18	0.29
	Sulfur Dioxide	0.98	0.24
	Particulate Matter	0.16	0.04