

Facility Location: Shepherdstown, Jefferson County, West Virginia
Mailing Address: 698 Conservation Way, Shepherdstown, WV 25443
Facility Description: Training Center
SIC Codes: 9512
UTM Coordinates: 258.17 km Easting • 4374.85 km Northing • Zone 17
Registration Type: Construction
Description of Change: Installation of three diesel-fired generators to be used to provide power to the NCTC during periods of utility power outages.

Subject to 40CFR60 Subpart IIII? Yes, Certified? 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.

The source is not 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:

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|-----------|---|-------------------------------------|
| Section 5 | Reciprocating Internal Combustion Engines (R.I.C.E.) | <input checked="" type="checkbox"/> |
| Section 6 | Tanks | <input checked="" type="checkbox"/> |
| Section 7 | Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII) | <input checked="" type="checkbox"/> |
| Section 8 | 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 (Bhp/rpm)
EG-1	Cummins QSK23-G7 NR2	2015	1,220 / 1800
EG-2	Cummins QSK23-G7 NR2	2015	1,220 / 1800
EG-3	Cummins QSK23-G7 NR2	2015	1,220 / 1800
T01	Diesel Storage Tank (2FO)	2015	10,000 Gallons
T02	Diesel Storage Tank (2FO)	2015	120 Gallons
T03	Diesel Storage Tank (2FO)	2015	120 Gallons
T04	Diesel Storage Tank (2FO)	2015	120 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)
EG-1	Yes	No	No
EG-2	Yes	No	No
EG-3	Yes	No	No

Emission Limitations

Emission Unit	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (TPY)
EG-1 Cummins QSK23-G7 NR2	Nitrogen Oxides	17.51	4.38
	Carbon Monoxide	0.89	0.22
EG-2 Cummins QSK23-G7 NR2	Nitrogen Oxides	17.51	4.38
	Carbon Monoxide	0.89	0.22
EG-3 Cummins QSK23-G7 NR2	Nitrogen Oxides	17.51	4.38
	Carbon Monoxide	0.89	0.22