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**west virginia department of environmental protection**

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

Earl Ray Tomblin, Governor  
Randy C. Huffman, Cabinet Secretary  
[www.wvdep.gov](http://www.wvdep.gov)

June 13, 2016

CERTIFIED MAIL  
91 7199 9991 7034 1379 8327

Michael Tepedino  
Facility Manager  
440 Koonce Road  
Harpers Ferry, WV 25425

RE: Approved Registration G60-C087  
U.S. Customs & Border Protection  
CBP Advanced Training Center  
Plant ID No. 037-00104

Dear Mr. Tepedino :

The Director has determined that the submitted Registration Application and proposed construction and operation of ten emergency generators demonstrates eligibility and compliance with the requirements, provisions, standards and conditions of General Permit G60-C and hereby grants General Permit registration authorizing the proposed activity.

Please be aware of the actions required in Section 2.18 (Notification Requirements), Section 4.2 (Recordkeeping Requirements), and Section 3.6.5 (Air Quality Management Fee Program and Certificate to Operate).

Should you have any questions, please contact the undersigned engineer at (304)926-0499 ext. 1211.

Sincerely,

William T. Rothwell II, P.E.  
Engineer

Enclosures: General Permit Registration G60-C087  
General Permit G60-C

*West Virginia Department of Environmental Protection*  
*Earl Ray Tomblin*  
*Governor*

*Division of Air Quality*

*Randy C. Huffman*  
*Cabinet Secretary*

## Class II General Permit 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-C087**

Issued to:

**U.S. Customs & Border Protection**  
**CBP Advanced Training Center**  
**Company ID: 037-00104**

A blue ink signature of William F. Durham, written in a cursive style, positioned above a horizontal line.

*William F. Durham*  
*Director*

*Issued: June 13, 2016 • Effective: June 13, 2016*

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Facility Location: Harpers Ferry, Jefferson County, West Virginia  
Mailing Address: 440 Koonce Road, Harpers Ferry, WV 25425  
Facility Description: Law Enforcement Training  
SIC Codes: 9221  
NAICS Codes: 922120  
UTM Coordinates: 259.8 km Easting • 4,355.1 km Northing • Zone 17  
Registration Type: Construction  
Description of Change: General permit for ten (10) diesel-fueled, emergency generator engines

Subject to 40CFR60 Subpart IIII? No (GEN-01-GEN-05), Yes (GEN-06 – GEN-10), Certified? Yes (GEN-06 – GEN-10)

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.*

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*The source is not subject to 45CSR30.*

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**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 Compression 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	Detail Make/Model Fuel/Throughput	Year Installed/Modified	Design Capacity	Year Manufactured
GEN-01	Emergency Generator #1	Detroit Diesel, 6063HK35, 2FO / 4.01 ft <sup>3</sup> /hr	11/14/2006	415 kW 635 bhp	2004
GEN-02	Emergency Generator #2	John Deere, 6068TF250 2FO / 1.0 ft <sup>3</sup> /hr	1/11/2005	110 kW 190 bhp	2004
GEN-03	Emergency Generator #3	John Deere, 6068TF250 2FO / 1.0 ft <sup>3</sup> /hr	6/13/2005	110 kW 190 bhp	2004
GEN-04	Emergency Generator #4	Detroit Diesel, 10V1600G80S, 2FO / 4.43 ft <sup>3</sup> /hr	11/14/2006	500 kW 765 bhp	2004
GEN-05	Emergency Generator #5	John Deere, 4045TF150 2FO / 0.724 ft <sup>3</sup> /hr	1/11/2005	62 kW 99 bhp	2004
GEN-06	Emergency Generator #6	John Deere, 6090HF484 2FO / 0.724 ft <sup>3</sup> /hr	7/15/2010	255 kW 345 bhp	2009
GEN-07	Emergency Generator #7	MTU Onsite Energy, 12V2000G85TB 2FO / 7.72 ft <sup>3</sup> /hr	7/20/2011	750 kW 1,193 bhp	2010
GEN-08	Emergency Generator #8	MTU Onsite Energy, 12V2000G85TB 2FO / 7.72 ft <sup>3</sup> /hr	7/20/2011	750 kW 1,193 bhp	2010
GEN-09	Emergency Generator #9	John Deere, 6068TF285 2FO / 1.56 ft <sup>3</sup> /hr	11/15/2012	155 kW 237 bhp	2012
GEN-10	Emergency Generator #10	MTU Onsite Energy, 6R1600G70S 2FO / 2.34 ft <sup>3</sup> /hr	2016	230 kW 418 bhp	2014

GEN-01 – GEN-10 are equipped with integrated sub-base fuel tanks. The largest tank is 1,530 gallons.

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

Emission Unit ID	Subject to 40CFR60 Subpart III?	Subject to 40CFR60 Subpart JJJ?	Subject to Sections 5.1.4/5.2.1 (Catalytic Reduction Device)
GEN-01	No	No	No
GEN-02	No	No	No
GEN-03	No	No	No
GEN-04	No	No	No
GEN-05	No	No	No
GEN-06	Yes	No	No
GEN-07	Yes	No	No
GEN-08	Yes	No	No
GEN-09	Yes	No	No
GEN-10	Yes	No	No

**Emission Limitations**

Source ID No.	Potential Emissions (lbs/hr)					Potential Emissions (tons/yr)				
	NOx	CO	VOC	SO <sub>2</sub>	PM <sub>10</sub>	NOx	CO	VOC	SO <sub>2</sub>	PM <sub>10</sub>
GEN-01	8.26	3.49	0.45	5.14	0.44	2.06	0.87	0.11	1.28	0.11
GEN-02	5.89	1.27	0.47	0.39	0.42	1.47	0.32	0.12	0.10	0.10
GEN-03	5.89	1.27	0.47	0.39	0.42	1.47	0.32	0.12	0.10	0.10
GEN-04	9.95	4.21	0.54	6.19	0.54	2.49	1.05	0.13	1.55	0.13
GEN-05	3.07	0.66	0.24	0.20	0.22	2.49	1.05	0.13	1.55	0.13
GEN-06	10.70	2.30	0.85	0.71	0.76	2.67	0.58	0.21	0.18	0.19
GEN-07	8.05	2.13	2.54	9.65	0.24	2.01	0.53	0.64	2.41	0.06
GEN-08	8.05	2.13	2.54	9.65	0.24	2.01	0.53	0.64	2.41	0.06
GEN-09	7.35	1.58	0.59	0.49	0.52	1.84	0.40	0.15	0.12	0.13
GEN-10	2.48	0.41	0.78	0.86	0.04	0.62	0.10	0.20	0.21	0.01
TOTAL	69.69	19.45	9.47	33.67	3.84	19.13	5.75	2.45	9.91	1.02