

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

*Division of Air Quality*

*Randy C. Huffman*  
*Cabinet Secretary*

# General Permit G60-C Registration to Modify through a Class II Administrative Update



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-C005C**

Issued to:  
**Toyota Motor Manufacturing, West Virginia**  
**Buffalo**  
**079-00072**

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

*William F. Durham*  
*Director*

*Effective: July 14, 2015*

*This Class II General Permit Registration will supercede and replace G60-C005A issued on February 11, 2014.*

Facility Location: Buffalo, Putnam County, West Virginia  
Mailing Address: 1 Sugar Maple Lane, Post Office Box 600, Buffalo, WV 25033  
Facility Description: Motor Manufacturing Facility  
SIC/NAICS Codes: 3714/33635  
UTM Coordinates: 413.518 km Easting • 4,272.153 km Northing • Zone 17  
Latitude/Longitude: 38.59760/-81.99382  
Registration Type: Administrative Update  
Description of Change: TMMWV is proposing to replace existing generator "GEN-IS" (General Motors GM-4.3L 45RZG/2006) with a new generator (Doosan D14.6L/2014). "GEN-IS" will be moved to a new location (Security/same site) and its' source label will be changed to "GEN-SEC". The new generator will assume the source label "GEN-IS-2".

*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 subject to 45CSR30. Changes authorized by this permit must also be incorporated into the facility's Title V operating permit. Commencement date of any operation authorized by this permit shall be determined by the appropriate timing limitations associated with Title V permit revisions per 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.)  | <input checked="" type="checkbox"/> |
| Section 6 | Tanks   | <input type="checkbox"/>            |
| Section 7 | Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII) | <input type="checkbox"/>            |
| Section 8 | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)       | <input checked="" type="checkbox"/> |

**Emission Units**

Emission Unit ID	Description	Design Capacity (bhp/rpm)	Model Year	Installation Year
GEN-11E	Ford LRG-4251 20RZ	41/1,800	2003	2004
GEN-11W	Ford LRG-4251 20RZ	41/1,800	2004	2005
GEN-12	Ford LRG-4251 20RZ	41/1,800	2004	2005
GEN-13	Ford LRG-4251 20RZ	41,1,800	2004	2005
GEN-14	General Motors GM-4.3L 45RZG	68/1,800	2004	2005
GEN-15	General Motors GM-4.3L 45RZG	68/1,800	2006	2006
GEN-SEC <sup>(2)</sup>	General Motors GM-4.3L 45RZG	68/1,800	2006	2006
GEN-SBR	General Motors GM-5.7L 60RZG	105/1,800	2006	2007
GEN-Pharm	General Motors GM-5.7L 30REZG	49/1,800	2014	2014
GEN-IS-2 <sup>(1)</sup>	Doosan D14.6L 250REZXB	402/1,800	2014	2015

- (1) Engine subject to this permitting action.  
 (2) Source Label changed from GEN-IS to GEN-SEC with this permitting action.

**Emission Limitations**

Source ID#	Nitrogen Oxides		Carbon Monoxide		Volatile Organic Compounds	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
GEN-11E	0.63	0.16	1.06	0.26	0.01	0.01
GEN-11W	0.63	0.16	1.06	0.26	0.01	0.01
GEN-12	0.63	0.16	1.06	0.26	0.01	0.01
GEN-13	0.63	0.16	1.06	0.26	0.01	0.01
GEN-14	1.31	0.33	2.21	0.55	0.02	0.01
GEN-15	1.31	0.33	2.21	0.55	0.02	0.01
GEN-SEC	1.31	0.33	2.21	0.55	0.02	0.01
GEN-SBR	1.78	0.45	3.00	0.75	0.02	0.01
GEN-Pharm	0.97	0.24	1.63	0.41	0.01	0.01
GEN-IS-2	0.07	0.02	0.08	0.02	0.04	0.01
<b>TOTAL</b>	9.27	2.34	15.58	3.87	0.17	0.10