

# Fact Sheet



## ***For Final Minor Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act***

This Fact Sheet serves to address the changes specific to this Minor Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on February 6, 2024.

Permit Number: **R30-07900072-2024**  
Application Received: **January 22, 2025**  
Plant Identification Number: **03-54-079-00072**  
Permittee: **Toyota Motor Manufacturing, West Virginia, Inc.**  
Facility Name: **Buffalo Plant**  
Mailing Address: **P.O. Box 600, Buffalo, WV 25033**

Permit Action Number: *MM01*    Revised: *June 10, 2025*

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Physical Location: Buffalo, Putnam County, West Virginia  
UTM Coordinates: 413.518 km Easting • 4,272.153 km Northing • Zone 17  
Directions: The facility is located directly east of West Virginia State Route 62, approximately one mile south of Buffalo, WV.

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### **Facility Description**

Toyota Motor Manufacturing, West Virginia, Inc.'s (TMMWV) Buffalo Plant is primarily engaged in the manufacturing of automotive engines and automotive transmissions. The plant contains machining, assembly, engine testing, and support operations. To support these operations, the plant is equipped with heating, ventilation, and air conditioning units as well as various storage tanks (e.g., gasoline, motor oil, etc.). NAICS: 336350, SIC Code: 3714

### Emissions Summary

This modification results in the following emission changes:

Pollutant	Change in PTE (tpy)
CO	-0.31
NO <sub>x</sub>	-0.37
VOCs	-0.01
PM <sub>2.5</sub> /PM <sub>10</sub> /PM	-0.03

### Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 226.90 tpy of VOCs. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Toyota Motor Manufacturing, West Virginia, Inc. is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

### Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

Federal and State:	45CSR2	To Prevent and Control Particulate Air Pollution from Combustion of Fuel in Indirect Heat Exchangers
	45CSR13	NSR Permits
	45CSR21	Regulation to Prevent and Control Air Pollution from the Emission of Volatile Organic Compounds
	45CSR30	Operating permit requirement.
State Only:	None	

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

### Active Permits/Consent Orders

The active permits/consent orders affected by this modification are as follows:

<b>Permit or Consent Order Number</b>	<b>Date of Issuance</b>	<b>Permit Determinations or Amendments That Affect the Permit (if any)</b>
R13-2062R	March 4, 2025	

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table," which may be downloaded from DAQ's website.

### **Determinations and Justifications**

This minor modification incorporates the changes approved under Class II Administrative Update R13-2062R for the installation of a new Hybrid Electric Vehicle Transaxle Line (HV6), the addition of two (2) 550 gallon portable storage tanks, and the installation of four (4) 0.2 MMBtu/hr natural gas-fired HVAC units for a new childcare center. The following changes were made to the Title V permit as part of this minor modification.

#### 1.1. Emission Units

- Updated the year modified from 2022 to 2025 for Source #'s : Project #4, Project # 18 and Project # 19 .
- Added tanks FH3 and FH4 to the Authorized Storage Tanks Permitted under R13-2062 table.

#### 1.2 Active R13, R14, and R19 Permits

- Updated active permits table.

#### 3.0 Facility-Wide Requirements

Changes to the Title V Boilerplate resulted in the following changes.

- Condition 3.1.6 - Revised the citation to refer to the current version of the WV Code.
- Condition 3.3.1. - Revised the citation to refer to the current version of the WV Code.
- Condition 3.3.1.b. - Added "If a testing method is specified or approved which effectively replaces a test method specified in the permit, the permit shall be revised in accordance with 45CSR§30-6.4 or 45CSR§30-6.5 as applicable."

#### 4.0 Machining, Welding, and Assembly Operations [Project # 1 to 19] & Surface Coating Operations

- Updated footnote (1) of conditions 4.1.2 and 4.1.3 to reflect changes made in R13-2062R.
- Updated condition 4.1.8 to reflect changes made in R13-2062R.
- Updated condition 4.1.23 to reflect changes made in R13-2062R.

#### 5.0 Combustion Operations, Testing, and Heat Treatment

- Updated the MDHI for the HVAC/Comfort natural gas combustion units in condition 5.1.1.
- Updated the emission limits for the HVAC/Comfort natural gas combustion units in condition 5.1.6.

### **Non-Applicability Determinations**

The following requirements have been determined not to be applicable to the subject facility due to the following:

**40 CFR 60, Subpart Kc: Standards of Performance for Volatile Organic Liquid Storage Vessels (including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After October 4, 2023**

Subpart Kc applies to “each storage vessel with a capacity greater than or equal to 20,000 gallons (gal) (75.7 cubic meters (m<sup>3</sup>)) that is used to store volatile organic liquids (VOL) for which construction, reconstruction, or modification is commenced after October 4, 2023. TMMWV is proposing to install, as part of this permitting action, two (2) 550 gallon portable storage tanks (FH3 and FH4) which are both less than 20,000 gallons and, therefore, these tanks are not subject to the requirements of Subpart Kc.

### **Request for Variances or Alternatives**

None.

### **Insignificant Activities**

Insignificant emission unit(s) and activities are identified in the Title V application.

### **Comment Period**

Beginning Date: Not Applicable for minor modifications.  
Ending Date: N/A

### **Point of Contact**

All written comments should be addressed to the following individual and office:

Robert Mullins  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
304/926-0499 ext. 41286  
Robert.A.Mullins@wv.gov

### **Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

### **Response to Comments (Statement of Basis)**

Not applicable.