



## WMSC Inspection Report 20250627

ISSUED 7/3/2025

### Inspection Details

Title: Shady Grove S&I Shop Torque Wrenches

Location: Shady Grove Yard Service & Inspection Shop (A99)

Date of Inspection: 6/27/25

Time of Inspection: 4:30pm to 5:30pm

Unannounced

Risk-Based (C-0276)

Functional Area: Vehicles

Hazard Rating: 4D

### Overview

On June 27, 2025, a WMSC Inspector conducted an inspection of torque wrenches at the Shady Grove Service and Inspection Shop (S&I). The purpose of this inspection was to ensure that only torque wrenches with current calibration dates are available to Car Maintenance personnel.

This is a risk-based inspection based on an corrective action plan C-0276 which was created to address finding 7 from the [2024 Revenue Vehicles \(Railcar\) Program Audit](#). Finding 7 states, "Metrorail is using equipment that is not calibrated in accordance with its policies and procedures, including for inspection and maintenance of components with a direct impact on safety." The minimum corrective action states, "Metrorail must ensure all calibrated equipment is included in its calibration database, that personnel are trained on requirements to ensure use of only properly calibrated equipment, and that supervisors conduct regular oversight of work areas to ensure that equipment that is out of calibration is removed from service and only properly calibrated equipment is in use."

After concluding the inspection, the WMSC inspector conducted a debrief with the S&I Shop Supervisor in accordance with Program Standard Section 6.F.1.



## Defects and Corrective Actions

WMSC Inspections identify safety issues that may be classified as defects, findings, or recommendations. Findings and recommendations are defined by Program Standard Section 5.E.2 and 5.E.3, respectively. Ordinarily, issues identified in a WMSC inspection report are classified as defects. Defects are specific safety issues of non-conformance/non-compliance that are identified and that require remedial action.

This inspection did not identify any findings or recommendations and therefore does not require a WMSC Corrective Action Plan in accordance with Program Standard Section 5.E.4.

## Defect Observations and Determinations

During the inspection, the service and inspection supervisor showed the location for torque wrench storage in a tool crib. A tool crib is a designated storage area that ensures tools and equipment are stored in a secure area. The tool crib consists of modular cabinets designed for heavy duty industrial storage. The WMSC Inspector noted the cabinet drawers were organized and included approximately 30 torque wrenches in order of drives size (3/4-inch, 1/2-inch, and 3/8-inch). All tools were protected from damage with a generous amount of foam which was cut out to store each torque wrench individually. The WMSC Inspector evaluated each torque wrench for overall condition and calibration. All torque wrenches were currently calibrated with most expiring in 2026.

Below are examples of the calibration stickers on the torque wrenches:



Photo 1 (left) Asset 735289 SN 2720. Photo 2 (right) Asset 525711 SN 65846.



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Photos 3 (left) Asset 617904 SN 1003. Photo 4 (right) Asset 105777 SN C040015.



Photos 5 (left) Asset 735297 SN 219068. Photo 6 (right) Asset 820132 SN 3375.





Photos 7 (left) Asset 820133 SN 3395. Photo 8 (right) Asset 531549 SN 0483.

WMSC Inspectors did not observe any defects during this inspection.

## Next Steps

Please respond **by Monday, July 7, 2025**, to acknowledge receipt.