



# WMSC Inspection Report 20250625A

ISSUED 6/30/2025

## Inspection Details

Title: Electrical Safety Gloves Inspection

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

Date of Inspection: 6/25/2025

Time of Inspection: 8:00am to 10:00am

Unannounced

Risk-Based (C-0042; Urgent Hazard notice sent 5/28/25 as part of WMSC Communication Systems Audit)

Functional Area: Roadway Worker Protection

Hazard Rating: 2C

## Overview

On June 25, 2025, WMSC Inspectors conducted an inspection of the personal protective equipment (PPE) at the Shady Grove Yard (A99) Service and Inspection Shop (S&I)—specifically, Class 0 Electrical Gloves. Class 0 rubber insulating gloves are high voltage electrical gloves used to protect workers from electrocution when working on or around high voltage electricity. For example when testing whether third rail electricity is present (also referred to as “hot sticking the third rail”), Warning Strobe Alarm Device (WSAD) placement and removal, shunt placement and removal, third rail insulating mat placement and removal, and any other work that requires the use of electrical insulating gloves. Class 0 electrical gloves require testing to ensure proper protection: they expire six months after the sealed package is opened, but if the package has not been opened, the gloves expire one year after the stamped date.

This is a risk-based inspection based on corrective action plan C-0042, which was created to address finding 5 from the [2020 Audit of Roadway Worker Protection and Training](#), “WMATA employees are not consistently following RWP Rule 5.12 for equipment calibration.” C-0042 remains open and is presently scheduled to close in July 2026. Prior to C-0042, Metrorail did not have an agency-wide program for managing and testing Class 0 electrical gloves. As of September 9, 2024, Metrorail created a program that must be implemented by all relevant Metrorail departments by September 9, 2025. Two quarters of reporting will then be provided to the WMSC via regular C-0042 submittals.



WMSC Inspectors inspected the personal protective equipment (PPE), specifically high-voltage gloves, at the Shady Grove Service and Inspection Shop (S&I) as a related inspection to the one conducted on June 4, 2025, at the New Carrollton S&I Shop (see WMSC Inspection Report [20250604](#)). The objective of both the June 4, 2025, inspection and this inspection was to verify the presence of properly tested Class 0 electrical gloves. On the June 4, 2025, Inspection, WMSC Inspectors found zero gloves present at the indicated locations listed on the high-voltage (HV) glove daily inspection sheet.

Although Metrorail's intended long-term fix is underway via C-0042, the WMSC must continue to inform Metrorail where instances of out of compliance gloves are identified. On May 21, 2025, during a Communication Systems Audit observation, the WMSC found such an instance. This was conveyed to Metrorail through that audit as an urgent hazard. On May 21, 2025, at the Carmen Turner Facility (CTF), prior to heading to the field, WMSC personnel checked the Class 0 electrical gloves of all personnel who would be involved in conducting the planned preventative maintenance. The gloves provided by two personnel set to go out in the field were expired. One of the sets of gloves was dated as tested on September 26, 2022. The other set of gloves was dated as expiring on March 10, 2025. When looking for replacement gloves, personnel identified a further six pairs of gloves that had expired. All expired gloves were removed and quarantined by a supervisor at the CTF radio shop.

The number of out of compliance gloves at the May 21, 2025, audit observation set the need for the June 4, 2025, risk-based inspection. The June 4 inspection at New Carrollton (D99) Service and Inspection Shop (S&I) identified no gloves were present at any of the stated locations on the High Voltage (HV) Glove Daily Inspection. Therefore, the May 21 audit observation and June 4 risk-based inspection set the need for this inspection.

After concluding the inspection, WMSC inspectors 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**



The objective of this inspection was to verify the presence of properly tested Class 0 electrical gloves at the Shady Grove (A99) Service & Inspection shop. Upon arrival, WMSC inspectors entered the administrative office and informed Metrorail personnel of the intent to conduct an inspection on the presence and use of all Class 0 electrical gloves. WMSC inspectors were referred to the high voltage (HV) glove daily inspection sheet for June 2025 (pictured, in part, below). WMSC Inspectors requested an escort be provided so that any defects or observations could be independently verified or mitigated.

During the inspection conducted on June 25, 2025, WMSC Inspectors observed that the HV glove daily inspection sheet at Shady Grove S&I was properly completed. The S&I Supervisor indicated one location for the HV glove inside the inspection office. This location had two pairs of size 11 gloves, expiring on July 29, 2025. The sheet also indicated that the employees were using the gloves on each shift and signing off on the HV glove daily inspection manifest as required.



Photo 1: Location of HV gloves in the inspection office



## WASHINGTON METRORAIL SAFETY COMMISSION

**HV GLOVE (HV) GLOVE - DAILY INSPECTION**  
**June 2025**

By RETAILER before you are entering you have conducted the proper inspection as required by the HV GLOVE INSPECTION AND GRADE GUIDELINES for all HV GLOVE gloves that are listed below. See your supervisor for proper inspection for the HV glove inspection guidelines.

In Service - HV Glove Locations and Expiration Dates: Size 11 pair (EXP 6/9/2025), Size 11 pair (EXP 6/9/2025), located in the inspection office.

Date	DAY SHIFT		EVENING SHIFT		NIGHT SHIFT	
	Employee Initials	Employee Number	Employee Initials	Employee Number	Employee Initials	Employee Number
1	HTB	2	HTB	2	HTB	2
2	HTB	2	HTB	2	HTB	2
3	HTB	2	HTB	2	HTB	2
4	HTB	2	HTB	2	HTB	2
5	HTB	2	HTB	2	HTB	2
6	HTB	2	HTB	2	HTB	2
7	HTB	2	HTB	2	HTB	2
8	HTB	2	HTB	2	HTB	2
9	HTB	2	HTB	2	HTB	2
10	HTB	2	HTB	2	HTB	2
11	HTB	2	HTB	2	HTB	2
12	HTB	2	HTB	2	HTB	2
13	HTB	2	HTB	2	HTB	2
14	HTB	2	HTB	2	HTB	2
15	HTB	2	HTB	2	HTB	2
16	HTB	2	HTB	2	HTB	2
17	HTB	2	HTB	2	HTB	2
18	HTB	2	HTB	2	HTB	2
19	HTB	2	HTB	2	HTB	2
20	HTB	2	HTB	2	HTB	2
21	HTB	2	HTB	2	HTB	2
22	HTB	2	HTB	2	HTB	2
23	HTB	2	HTB	2	HTB	2
24	HTB	2	HTB	2	HTB	2
25	HTB	2	HTB	2	HTB	2
26	HTB	2	HTB	2	HTB	2
27	HTB	2	HTB	2	HTB	2
28	HTB	2	HTB	2	HTB	2
29	HTB	2	HTB	2	HTB	2
30	HTB	2	HTB	2	HTB	2
31	HTB	2	HTB	2	HTB	2

After the monthly inspection sheet is completed send the sheet to the Supervisors office.

Photo 2: HV Glove daily inspection sheet June 2025

WMSC Inspectors did not observe any defects during this inspection.

## Next Steps

Please respond **by Thursday, July 3, 2025**, to acknowledge receipt.