



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2023/08/28	Report Number	20230825-WMSC-MAL-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	Washington Metropolitan Area Transit Authority	Contact Information	
Inspection Location	Shady Grove S&I Shop - Railyard A99 15903 Somerville Drive Rockville, MD 20855		

Inspection Summary

Inspection Activity #	1
Activity Code	VM-WI-PI
Inspection Units	1
Inspection Subunits	1
Defects (Number)	1
Recommended Finding	Yes
Remedial Action Required¹	No
Recommended Reinspection	No

Activity Summaries

Inspection Activity #	1	Inspection Subject	On-site Observation				Activity Code	VM-WI-PI			
Job Briefing Employee Name/Title	WMATA Inspection	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	09:30 AM	Outside Shift	No		
Related Reports	N/A	Related CAPS / Findings			N/A						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	MetroRail Safety Rules and Procedures Handbook (MSRPH). Section 4 - Safety Rules	N/A		N/A		N/A		N/A			
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
		X									
Line(s) & Track Number	Shady Grove S&I Shop - Railyard A99 15903 Somerville Drive Rockville, MD 20855			Chain Marker and/or Station(s)		From		To			
						N/A		N/A			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								
Description	<p>WMSC Inspectors conducted a rules compliance inspection of the Shady Grove S&I Shop and Yard for compliance with the Metrorail Safety Rules and Procedures Handbook (MSRPH), including Preventive Maintenance Inspections (PMI) activities. General Information: WMSC participated in 2K3K railcars marker antenna and ATP coil testing process at the Shady Grove S&I shop. CMNT mechanics were conducting marker antenna and ATP coil testing per MSI 180320, ATP Coil Frequency Response and MSI 180328, Marker Coil Test. The following observations were noted. WMSC met with Shady Grove Inspection Office Supervisor, PMD Supervisor, and CMNT mechanics. An ATP coil testing was performed on railcar 3270. The left-side ATP coil failed the test while the right-side ATP coil passed the test. The ATP coils were both marked as failed and passed on the coil, respectively. See Attachment #1 and #2. Failed ATP coils will need to be replaced. Railcars with failed ATP coils will need to be restricted to belly railcars until the parts are available and the ATP coils are replaced. The ATP coils test passed on railcar 3271.</p>							Number of Defects		1	
								Recommended Finding?		Yes	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	
Remedial Action											

¹ The rail transit agency must provide WMSC with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing WMSC verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge's Signature	Date 2023/08/28
Inspector in Charge's Name Manuel Lopez	Inspection Team Frederick Diven