



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2024/01/18	Report Number	20240111-WMSC-MAL-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	CMNT	Contact Information	
Inspection Location	West Falls Church S&I Shop - Railyard K99 7253 Idylwood Road Fall Church, Virginia 22043		

Inspection Summary

Inspection Activity #	1
Activity Code	VM-WI-PI
Inspection Units	1
Inspection Subunits	1
Defects (Number)	3
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?		No	Out Brief Conducted		Yes	Time		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 OPERATING RULEBOOK FIRST EDITION Effective: Sept 1, 2023, 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										X
Line(s) & Track Number	West Falls Church S&I Shop - Railyard K99 7253 Idylwood Road Fall Church, Virginia 22043				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 wheelset assembly process at the West Falls Church S&I Shop for compliance with Metrorail Operating Rules and Procedures Handbook (MOR), including Preventive Maintenance Inspections (PI) activities. General Information: Conducted an observation of the West Falls Church S&I shop and yard. The following observations were noted. Met with personnel from CENV engineering, Wheel Laith Operator, Inspection Office Supervisor, PI personnel, and CMNT mechanics. Defect #1 - There were two third rail covers missing by track 21W and 17W by the apron of the S&I Shop facility. See Attachment #1. Defect#2 - An ATC circuit breakers box located by TCR #4 on the east end of the S&I Shop was left unlocked and exposed to the weather. See Attachment #2. Defect #3 - The wheels of 7K railcars 7386-87 were being inspected due to customer complaint on Twitter stating that these railcars had a rough ride. The wheel laith operator measured the wheels and they were within the required wheels out of round specification of 0.005-inch. He stated that the wheel-to-wheel dimension was off by 0.100 inch, which exceeds the wheel-to-wheel requirements. The CMNT mechanic stated that wheel-to-wheel and truck-to-truck dimensional difference requirements were removed from PI books, but these requirements are still included in MSI 000001, Wheelset Reprofileing Procedure. See Attachment #3.</p>							Number of Defects		3		
								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 2024/01/18
Inspector in Charge's Name Manuel Lopez	Inspection Team No	