



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2024/07/12	Report Number	20240710-WMSC-MAL-2
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	CTEM	Contact Information	
Inspection Location	Alexandria CTEM Shop - Railyard C99 3201 Eisenhower Avenue Alexandria VA 22314		

Inspection Summary

Inspection Activity #	2
Activity Code	VM-WI-PI
Inspection Units	1
Inspection Subunits	1
Defects (Number)	2
Recommended Finding	Yes
Remedial Action Required¹	Yes
Recommended Reinspection	No

Activity Summaries

Inspection Activity #	2	Inspection Subject	Observation Alexandria CTEM Shop				Activity Code	VM-WI-PI			
Job Briefing Employee Name/Title	WMATA Inspection	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	07:30 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 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									
Line(s) & Track Number	Alexandria CTEM Shop - Railyard C99 3201 Eisenhower Avenue Alexandria VA 22314			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 of the CTEM Shop and yard in compliance with the Metrorail Operating Rules and Procedures Handbook (MOR), including Preventive Maintenance Inspections (PI) activities. The following observations were noted. WMSC inspectors met with personnel from the CTEM shop. The following observations were noted. - Defect #1 - The CTEM overhead crane that travels on tracks from one end of the shop to the other is colliding with low hanging hot water pipes that are attached to the ceiling of the shop as the crane travels along its tracks. It is suspected that the hot water pipes support brackets are coming loose from the ceiling. See Attached Photos #1 and #2. - Defect #2 - CTEM uses floor jacks operated via a control station to lift CTEM vehicles. The floor jacks and control station are failing regularly during use and are not reliable. CTEM personnel stated that these units are too old and that parts are no longer available. Recommend that these units are inspected and assessed by engineering for operational safety. See attached Photos #3 and #4. - The CTEM Shop was clean and organized. - Received good support from the CTEM Shop staff. - A pre-briefing and an out-briefing were performed.</p>							Number of Defects			
								Recommended Finding?		Yes	
								Remedial Action Required?		Yes	
								Recommended Reinspection?		No	
Remedial Action	Recommend that floor jacks are inspected and assessed by engineering for operational safety.										

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 2024/07/12
Inspector in Charge's Name Manuel Lopez	Inspection Team Thomas Zurla