



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2022/04/07	Report Number	20220407-WMATA-KEK-50
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	WMATA	Contact Information	
Inspection Location	A08 Friendship Heights Train Control Room		

Inspection Summary

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

Activity Summaries

Inspection Activity #	1	Inspection Subject	Train Control Room Follow-up Inspection			Activity Code					
Job Briefing Employee Name/Title	N/A	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	09:00 AM	Outside Shift			
Related Reports	#3980	Related CAPS / Findings	WMSC-21-C0082 - Structural Inspections								
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference		
	ATC-1000 Rev 4.0, ATC-2000	MSRPH			WMATA ASP, Sec #3, ATC MCP - Sec 3.3.8		20222803-WMATA-KEK-49		1020 Form - Rev 4.0		
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
					X						
Line(s) & Track Number	A08 Friendship Heights Train Control Room				Chain Marker and/or Station(s)		From		To		
							298+15		304+15		
Vehicles	Head Car Number		Number of Cars		Equipment		Camera				
	N/A		N/A								
Description	<p>PURPOSE: To assure that the Train Control Room (TCR) is clean. All systems in the TCR are operational with all indicators displaying correctly and showing no fault. Book Of Plans (BOPs) and all reference materials for the TCR are present and well organized. Report any found issues requiring follow-up work orders (such as lighting or water leaks) to MOC. Findings: In the report from March 28, 2022, the WMSC found in its ATC Weekly Train Control Room Inspection, floors saturated with red dust and foreign matter falling from a fragmented ceiling. Additionally, there were two large openings in that ceiling formed overtime by water intrusion. Since that initial inspection back on March 28th the red dust and foreign matter have been cleaned from the floors and off surfaces. WMATAs Environmental Department extracted and tested the debris and material for environmental concerns, with results returning in an official report that concluding the material was found to be less than 1% for asbestos. The plastic tarp that was used to divert water from intruding into the rooms electronic and electrical systems had been removed. Initially the tarp was placed above the racks for protection from water intrusion. WMATA investigated above the TCR to locate and mitigated the source of the water intrusion. After finding and repairing the source, the company will continue monitoring the room (A08) observing to assure that all water intrusion has been alleviated. Once this is done, the ceiling can be properly repaired for a better seal of the room. The Environmental Department's Industrial Hygienist performed and inspected the HVAC system and concluded that the HVAC system has degraded and needs upgrade to protect the equipment from over heating in the summer months and heating effectively for the winter months. Additionally, it will serve to minimize the tunnel dust and debris from entering the room to protect the sensitive Track Circuit equipment within the room. A temporary fix was mentioned in a meeting to place a small-scale HVAC system in the room until proper repairs can be made.</p>						Number of Defects		1		
							Recommended Finding?		No		
							Remedial Action Required?		Yes		
							Recommended Reinspection?		Yes		
Remedial Action	<p>Monitor water leaks and report promptly for mitigation; equip room with temporary HVAC system until deteriorated system is repaired; perform a deep clean of the rooms electrical and electronic equipment housing units to avoid equipment shorts from dirt and debris; and repair the ceiling. Weekly meetings with the Environmental Department will be an ongoing effort until all repairs and cleaning are performed at A08.</p>										



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Photos:
Electronic_Vacuum_Cleaner.png

3M 497AJM 120V Portable Electronic Vacuum Cleaner



Electronic_Compressed_Air_Duster.png



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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 2022/04/07
Inspector in Charge's Name Kemmerly Kendrick	Inspection Team Richard, David	