



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2024/08/23	Report Number	20240820-WMSC-MAL-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	CMNT	Contact Information	
Inspection Location	Brentwood S&I Shop - Railyard B99 601 T Street NE Washington DC 20002		

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	
Recommended Reinspection	No

Activity Summaries

Inspection Activity #	1	Inspection Subject	Observation 7K SMP and SMD process				Activity Code	VM-WI-PI			
Job Briefing Employee Name/Title	Yes	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	02:30 PM	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	Brentwood S&I Shop - Railyard B99 601 T Street NE Washington DC 20002			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 Brentwood S&I 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. - General Information: WMSC inspectors met with personnel from the CMNT Inspection Office, Truck shop, Scheduled Maintenance Program (SMP), and the Wheel Replacement Program (WRP). The following observations were noted. - WMSC conducted an afternoon visit of the Brentwood S&I shop. WMSC noticed a very busy S&I Shop where personnel were actively working on numerous tasks. There were numerous railcars and trucks on the floor and on lifts being overhauled, there was equipment being transported via cranes, there was work being done on the SMP and WRP process, there where wheel press operations being conducted, and there were numerous mechanics working on them. This was a very active shop for the duration of the two-hour visit. - Discussed the status of the wheel pressing process for 7K railcars. The wheel press machine at Brentwood is operational. Wheel press operators stated that have not had any misfits while pressing wheels during the last 2 and ½ months. Both Brentwood personnel gave credit to the high success rate on choosing wheels with a high surface roughness factor of RA 120 or greater. They also stated that all imperfections need to be removed from both the wheels and axles. This is done by hand via metal sandpaper. - Discussed the status of the Scheduled Maintenance Program (SMP). Two trucks were being overhauled for the SMP program and one truck was being overhauled for the WRP. Currently installation of overhauled components is on hold pending the lack of parts. Three MPs are going through the SMP process, 7044-45, 7178-79, and 7160-61. - CMNT stated that Quality Assurance has requested the disassembly of one wheelset that has gone through the WRP. No justification was provided.</p>							Number of Defects		1	
								Recommended Finding?		Yes	
								Remedial Action Required?			
								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 2024/08/23
Inspector in Charge's Name	Inspection Team



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Manuel Lopez	Bruce Walker
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