



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2023/11/08	Report Number	20231103-WMSC-MAL-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	CMNT	Contact Information	
Inspection Location	Dulles Railyard, N99 44259 Old Ox Road Dulles, VA 20166		

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	Observation 7K Wheelset Assembly Process			Activity Code	VM-WI-PI					
Job Briefing Employee Name/Title	WMATA Inspection		Accompanied Inspector?	No	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 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										X
Line(s) & Track Number	Dulles Railyard, N99 44259 Old Ox Road Dulles, VA 20166			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 Inspector conducted an inspection of the wheelset assembly process at the Dulles S&I Shop for compliance with the Metrorail Safety Rules and Procedures Handbook (MSRPH), including Preventive Maintenance Inspections (PI) activities. General Information: WMSC met with personnel from Dulles's truck shop, CENV engineering, and CMOR RBI Quality Assurance consultants. WMSC Conducted an observation of the wheelset pressing process at the Dulles S&I shop and the following observations were noted. Two wheelsets were completed at Dulles S&I Shop. See attached Photos #1 and #2. Wheel press machine operator and truck shop supervisor had a wheel pressing misfit before my arrival. After a misfit occurs the wheel is demounted from the axle, and the axle is re-measured, and a new wheel is selected to match the new measurements. Three additional misfits occurred, including one misfit that occurred at 121 tons of pressure which exceeded the maximum value of 120 tons. The on-site CENV engineer consulted with CENV engineering management for a resolution on the misfit with excessive tonnage.</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 2023/11/08
Inspector in Charge's Name Manuel Lopez	Inspection Team None.