



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2023/07/19	Report Number	
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	CMOR	Contact Information	
Inspection Location	Brentwood MRO-wheel press		

Inspection Summary

Inspection Activity #	
Activity Code	
Inspection Units	
Inspection Subunits	
Defects (Number)	0
Recommended Finding	No
Remedial Action Required¹	No
Recommended Reinspection	Yes

Activity Summaries

Inspection Activity #		Inspection Subject	7219 wheel exceedance teardown			Activity Code						
Job Briefing Employee Name/Title		Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	08:00 AM	Outside Shift	No			
Related Reports	Related CAPS / Findings											
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard		Other / Title		Checklist Reference			
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	Brentwood MRO-wheel press				Chain Marker and/or Station(s)		From		To			
Vehicles	Head Car Number		Number of Cars		Equipment		axle #1 wheelset from car 7219					
Description	Car 7219 was reported for a back to back wheel exceedance measurement. This is a known condition that WMATA has been experiencing for several years. The WMSC became aware of this after the October 2021 derailment near the Arlington Cemetary station. WMATA has been working on a solution to correct this condition which involved more accurate measuring devices and a more stringent frequency of back to back and journal bearing gap measurement of 7000 series axles. One of the axles that failed was dis-assembled at the Brentwood facility. The WMSC was there to observe the process and note any unusual findings.						Number of Defects					
							Recommended Finding?		No			
							Remedial Action Required?		No			
							Recommended Reinspection?		Yes			
Remedial Action												



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Photos:

7 mn 19 mn 2023 wheel press photos 2.jpg



7 mn 19 mn 2023 wheel press photos 1.jpg





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7_mn_19_mn_2023_wheel_press_photos_3.jpg



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 2023/07/19
Inspector in Charge's Name John DeRenzo	Inspection Team Manuel Lopez, Bruce Walker, Fred Diven	