



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2024/05/13	Report Number	20240510-WMSC-LBW-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	Rail Transportation	Contact Information	
Inspection Location	Shady Grove Yard to mainline on the Red Line		

Inspection Summary

Inspection Activity #	1
Activity Code	OBS-RTRA-TNG
Inspection Units	1
Inspection Subunits	0
Defects (Number)	0
Recommended Finding	No
Remedial Action Required¹	No
Recommended Reinspection	Yes

Activity Summaries

Inspection Activity #	1	Inspection Subject	Automatic Train Operation Training			Activity Code	OBS-RTRA-TNG				
Job Briefing Employee Name/Title	██████ (Project Manager)	Accompanied Inspector?	Yes	Out Brief Conducted	Yes	Time	10:00 PM	Outside Shift	Yes		
Related Reports	20240510-WMSC-LBW-1	Related CAPS / Findings			NA						
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP			Standard	Other / Title			Checklist Reference		
	NA	NA			NA	NA			NA		
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
	X	X						X	X	X	
Line(s) & Track Number	Shady Grove Yard to mainline on the Red Line			Chain Marker and/or Station(s)		From		To			
						Shady Grove		Glenmont			
Vehicles	Head Car Number		Number of Cars			Equipment	3000 Series Railcar				
	3169		(T) 3127-8 + 3158-9 + 3231-0 + 3168-9 (L)								
Description	<p>The WMSC inspector attended the day two of the Automatic Train Operations (ATO) Pilot training for Rail Vehicle Operators (RVO) held at the Shady Grove Rail Yard (SGY) located in Gaithersburg, Maryland. This was an overnight training exercise that was held after Metrorail revenue hours. The May 13, 2024, overnight training exercise included the four RVOs. Additionally, the four RTCs students were located in the Virginia Metro Integrated Command and Control Center (MICC) to coordinate communications with the training test trains. One test train departed SGY (7000 series railcar), and one test train departed Glenmont Yard (3000 series railcar). Each train had two students, one Rail training Instructor (RTI), one Rail Training Supervisor. Metro assigned an Automatic Train Control (ATC) engineer, a communications and signals employee and a car maintenance employee to assist in the training scenarios and preparing the train for test run. The WMSC inspector attended a joint safety briefing held over Microsoft Teams. The briefing was lead by the project manager and included all participants from the three locations (Shady Grove, Glenmont and the MICC). Each test train took a one-way trip end to end on the Red Line. Test scenarios set for the overnight included ATO operation across the entire line, disabling a wayside train marker at the Twinbrook Station and disabling the Remote Terminal Unit (RTU) at the North Bethesda Station. No roadway workers were permitted to go on the wayside in front of the two test trains. that attended the and the Rail Traffic Controllers (RTC) training located at the Metro Integrated Command and Control Center (MICC). The ATO RVO training was attended by four RVOs. Two RVOs had previously operated rail vehicles in ATO and two RVOs had less than one year operating and no previous ATO experience. The RVO class was led by two Rail training instructors (RTI). The WMSC conducted a final debrief with Metrorail personnel at the conclusion of the training test run.</p>						Number of Defects		0		
							Recommended Finding?		No		
							Remedial Action Required?		No		
							Recommended Reinspection?		Yes		
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 2024/05/13
Inspector in Charge's Name LeBon Bruce Walker	Inspection Team NA



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