

**Inspection Form** 

## Washington Metrorail Safety Commission

## Agency/Department Information

Inspection Date	YYYY/MM/DD	Report Number	20230428-WMSC-DLB-1						
	2023/04/28	Report Number	20230428-WWSC-DLB-1						
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name						
Rail Agency Department	RTRA	Contact Information							
Inspection Location	Carmen Turner Maintenance and Training Facility (CTF) 3500 Pennsy Drive Landover, Maryland 20785								
Inspection Summary									
Inspection Activity #		1							
Activity Code	OBS-TNG-QAI								

OBS-TNG-QAI
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1
No
Νο
No

## Activity Summaries

Inspection Activity #	1 Inspection Subject				Automatic Train Operations Training (ATO)/ ATO Door Operations			Activity	OBS-TNG-QAI							
Job Briefing Employee Name/Title	N/A Accor			Accompan	ccompanied Inspector? No		No	Out Brief Conducted	No	Time		06:00 AM		Outside Shift	No	
Related Reports	N/A			Related CA	PS / Finding	gs		N/A	•						-	
Related Rules, SOPs, Standards, or Other	Ref		Rule	or SOP			Standard	•	Other / Title				Checklist Reference			
	N/A N/A			A N/A		N/A		N/A	N/A			N/A				
Inspection Location	Main Track	Yard	Station	OCC	RTA Fa	,	WMSC Office	Track Type	At-g	rade	Tunne	el Elevato		ted	N/A	
	с. т.		L		×										Х	
Line(s) & Track Number	Facility (CTF	Carmen Turner Maintenance and Training Facility (CTF) 3500 Pennsy Drive Landover, Maryland 20785 Chain Marker and/or Station(s)						From	1			I	0			
Vehicles	Head Car N		N	umber of C N/A	N/A Equipment N/A											
Description	Background: Metrorail is currently undergoing a return to Automatic Train Operation - (AT0) project. The project encompasses the following areas: 1. Infrastructure and Visual Upgrades. 2. Training. 3. Safety & Operations. This unannounced inspection focused on the second component of the ATO project, training. Four WMSC Inspectors sat in and observed a Pilot operator class at the Carmen Turner Training Facility. The class was being instructed to Metrorail personnel who would be - Line Platform Instructors (LPI's) and responsible for teaching other rail vehicle operators/students to operate in ATO. Purpose: The course is designed to train Class 1 Rail Vehicle operators to operate in ATO. Purpose: The course is designed to train Class 1 Rail Vehicle operators to operate in Mode 1 (Automatic Mode) with Auto/Manual Door operation while servicing the mainline. Upon completion of the ATO course students will be capable of performing all the listed learning objectives: - Identify the three ATC sub-systems and all equipment connected to them Explain the basic operations of the ATC sub-systems Distinguish the difference between Manual and Automatic Train and Door Operations Monitor the process for switching between Automatic and Manual train operations Monitor the roadway for the presence of Roadway Workers and any abnormal conditions which might impact train operation. (Performed while operating the train in Automatic Mode.) - Observe the train systems and address all issues which may impact normal train operations. (Performed while operating the train in Automatic Mode.) - Observe the modules and subject matter are given below. Module One - Introduction and Safety. Module Two - ATC Sub-System & Equipment overview. Module Three - Train & Door Operations. Module Four - Emergencies, Failures & Basic Troubleshooting. Module Five - Scenario Activities. (Tabletop style.) Module Six -								uired?				0			
Remedial Action	Simulator P	ractice. (Ac	tual Simula	tor use.)												

<sup>1</sup> 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.



**Inspection Form** 

Form WMSC-IR-1

Washington Metrorail Safety Commission

Inspector in Charge's Name Inspection Team Darrell Braxton Bruce Walker Manuel Lopez