



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20200628-WMATA-KEK-05		
	2020	06	28				
Rail Agency Name	Washington Metropolitan Area Transit Authority			Rail Agency Department	Signals & ATC	Sub- Department	ATCIN
Rail Agency Department Contact Information	Name		Email		Office Phone		Mobile Phone
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Inspection Location	A99 – Shady Grove Yard- Facility Location #6886 – Red Line						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	STC-TC-QAI-RR					
Inspection Units	18					
Inspection Subunits	00					
Defects (Number)	09					
Recommended Finding	YES					
Remedial Action Required¹	YES					
Recommended Reinspection	YES					

Activity Summaries

Inspection Activity #	Inspection Subject	Records Review – Q&A for Compliance				Activity Code		STC	RR	QAI	
	N/A	Accompanied Inspector?	N/A	Out Brief Conducted	YES	Time	NA	Outside Shift	NO		
Related Reports	Tri State Oversight – Final Report	Related CAPS / Findings		FTA Finding TOC-ATC-15-002 & FTA Finding TOC-ATC-15-007							
Related Rules, SOPs, Standards, or Other	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
		ATCM - 1000						TCR – MAXIMO			
	FSVT/SMNT/SAMS	ATCM - 3000									
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
		X						X			
Line(s)	R-Line	Track Number	Yard	Chain Marker and/or Station(s)		From		To			
						A99 -Shady Grove – CM: 4 +/- 24		A99 -Shady Grove – CM:			

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 – Signature	Date
KEMMERY ELAENE KENDRICK	June 28, 2020
Inspector in Charge – Name	Inspection Team
KEMMERY E. KENDRICK	WASHINGTON METRO SAFETY COMMISSION (WMSC) - SIGNALS & AUTOMATIC TRAIN CONTROL SUBJECT MATTER EXPERT



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Description	<p>Document Review and Material Inspection – ATCM</p> <p><u>Follow-up with respect to the TOC Triennial Audit of Automatic Train Control (ATC) and Signals Final Report: September 20, 2018. Audit Finding - Control of Precision Measuring and Test Equipment Calibration. TOC reviewed May 14, 2018, which found several pieces of equipment were out of compliance with respect to proper Calibration Control.</u></p> <p>PURPOSE: To verify that ATCM tools (not to include radios) are calibrated in a timely matter. Assuring that inventory is serviceable and available according to the TOC's 2015 triennial review report. Also assuring that ATCM and Production continue an ongoing effort to eliminate unused equipment from inventory.</p> <p>RELATED TO: FTA Finding TOC-ATC-15-002: The ATC Branch and the Shop and Material Support (SAMS) Group include <u>tools in their tracking lists that are no longer being used, which prevents them from having an accurate understanding of which tools are past due for annual calibration.</u> Also, personnel may not be returning old equipment when they receive new tools.</p> <p>FTA Required Action: The ATC Branch and SAMS must <u>conduct a full inventory of ATC tools in order to scrub Maximo and its tracking list of all tools no longer being used.</u> The ATC Branch or SAMS must <u>provide a revised Maximo inventory list with obsolete tools removed and regained calibration compliance.</u> Also, the ATC Branch and SAMS must develop a documented tool distribution control method so that new equipment/tools are not issued until old ones are returned, and the person receiving the old equipment removes it from the inventory and maintenance cycle in Maximo.</p> <p>FTA Required Action: WMATA's ATC Branch and/or Chief Engineer of infrastructure (CENI) must add a line for tool serial numbers and calibration dates on all relevant ATC Data Sheets and specify instructions for including this information. WMATA's ATC Branch and CENI must also update the Special Tools and Equipment section of ATC-1000 and ATC-3000 procedures to clarify tool calibration requirements.</p> <p>NOTABLE ITEMS:</p> <ol style="list-style-type: none"> 1. Test Equipment Calibration Report dated April 1, 2020 submitted has items on the MAXIMO report that have since been decommissioned, removed from the A99 Yard Location, or the dates are incorrect. This report was submitted by M. Kennerly. 2. S/N #534490 – Multimeter, Simpson TS-113 - Decommissioned 3. S/N #511129 – Force Gauge, Exttech – not at location 4. S/N #070282 – Digital Multimeter, Fluke – calibration dates incorrect 5. S/N #515495 – Digital Multimeter, Fluke – not at location 6. S/N #070299 - Digital Multimeter, Fluke – calibration dates incorrect 7. S/N #070276 - Digital Multimeter, Fluke – calibration dates incorrect 8. S/N #068820 – Megger, Biddle, CFL510F – not at location 9. S/N #068938 – Voice/Data Trans Test Set AMERITEC – not at location <p>The supervisor of the A99 Yard Location submitted an updated copy of what is at this location. There is a definite difference from what was submitted for this inspection and what is actually at this location. (file attached) Reinspection 30 days – July 29, 2020</p>	Number of Defects	09	
			Recommended Finding?	YES
			Redial Action Required?	YES
			Recommended Reinspection?	YES
Remedial Action	<ol style="list-style-type: none"> 1. Instruct the ATCM and Production to perform an immediate asset assessment of work equipment at all work locations, and update MAXIMO and FSVT/SMNT/SAMS Shop with the same. 2. Instruct MAXIMO to correctly update the equipment at all locations for proper identification of current equipment assigned in the field. 3. Inform Kenneth Qualls, of the SAMS group to coordinate with managers, supervisors for accuracy 			

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