



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20200724-WMATA-KEK-08		
	2020	07	24				
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	B99 & B35 Brentwood S & I						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	STC-RR-QAI					
Inspection Units	1					
Inspection Subunits	0					
Defects (Number)	2					
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	
Job Briefing Employee Name/Title	None Required	Accompanied Inspector?	N/A	Out Brief Conducted	N/A	Time	N/A	Outside Shift	N/A		
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			
	RWPM	ATCM - 1000						TCR Records			
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
		X			X			X			
Line(s)	N/A	Track Number	N/A	Chain Marker and/or Station(s)		From		To			
						B99 CM: 116 + 50		B99 CM: 136 + 86			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								

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	JULY 24, 2020
Inspector in Charge – Name	Inspection Team
KEMMERY E. KENDRICK	WMSC



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Description	<p>Records Review Inspection – TCR, MAXIMO, & Compliance for consistency throughout. An attempt to contact Compliance, and MAXIMO for their copies for comparison checking for compliance was met with resistance and diversion to QICO. Only documents submitted for review in a timely matter were from the ATCM crew members for this inspection in a timely matter. <u>This was an attempt to 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 Equipment were out of compliance with respect to proper Calibration Control.</u> 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. Findings & Deficiencies: Lack of cooperation to complete a timely inspection for compliance.</p>	Number of Defects	2
		Recommended Finding?	YES
		Remedial 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 of 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 		

899 - B35 test equipments inventory - Excel

	A	B	C	D	E	F	G	H	I	J	K
		Description	SAMS Bar Code	Serial#	Asset (w/mata stock #)	ID#	Due Date	Last Cal Date	Owner	Operator	Locatic
3	1	Megger - FLUKE, 1507 INSULATION TESTER	T0001GNS	96070269	538786	T16945	5/12/2021		B35	B99	B99
4	2	Fluke 189 True RMS Multimeter	T0000JHB	88520190		T15855	???		B35	B99	B99
5	3	Amprobe	T00001FF	9838741		T13165	5/27/2021		B99 FO	B99 FO	B99
6	4	Megger - Fluke 1507 Insulation tester	T0001GNU	96070272	538797	T16965	5/12/2021		B35	B99	B99 FO
7	5	Fluke 123B Industrial Scope	T0003LUY	34100008	527282	T24895	2/4/2021		B35	B99	B99 FO
8	6	Fluke 123B Industrial Scope	T0003LUP	34100009	527283	T25535	10/4/2020		B35	B99	A02
9	7	Track Signal Sniffer	T00034UP		530448	T23545	9/10/2020		B99	B99	B99
10	8	Signal Generator	T00027LD		226347	T19435	2/28/2020		B99	B99	B99
11	9	ALSTOM Marker Coil Tester	T00012BK		538784	T08455	1/17/2021		B99	B99	B99
12	10	MEGGER MJ159	T000BLJ	9801551931-0198	172533	T13775	???		B99	B99	B99
13	11	Amprobe	T0000KDS	712915	172211	T13875	1/17/2021		B99	B99	B99
14	12	Amprobe	T0000J6Z	613615	50947	T08005	???		B99	B99	B99



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1	2	Description	SAMS Bar Code	Serial#	Asset (wmata stock #)	ID#	Due Date	Last Cal Date	Owner	Operator	Location
15	13	Marker Coil Test Unit	T00003G4	57301K001	538783	T0970S	1/15/2021		B99	B99	B99
16	14	WASAD	T0001G58			T1723S			B99	B99	B99
17	15	GRS Track Module Test Unit			50646		Not Required		B99	B99	B99
18	16	Insulation Fault Detector			228095	T1557S	Not Required		B99	B99	B99
19	17	UTE ULTRA-TECH relay tester	T0001JUK	711004	224299	T1742S	6/24/2021		B99	B99	B04 FO
20	18	GRS AMMETER TEST FIXTURE	T0001U5J	K81075		T0766S	5/18/2021		B99	X	B04 FO
21	19	GRS TRACK MODULE TEST UNIT	T00020SZ	F82051	50959	T1759S	Not Required		B35	B99	B04 FO
22	20	HP 33120A FUNCTION GENERATOR 15MHZ	T00005TD	US36028937	193053	T1302S	2/24/2021		D99	D99	B04 FO
23	21	FLUKE 355 AC/DC CLAMP METER	T00027WR		300840	T1976S	5/27/2021		B08	B99	B04 FO
24	22	MEGGER -BIDDLE INSTRUMENTS (ANALOG)	T0000ADA	834210271193	146533	T1121S		SAMs 04/24	B35	X	B04 FO
25	23	SIMPSON ANALOG MULTIMETER	T00020GL	960531	146620	T1125S	8/26/2020		B99	X	B04 FO
26	24	FLUKE 1630 EARTH GROUND CLAMP	T000278S	26140019	300835	T1919S	6/17/2020		B99	B99	B04 FO
27	25	AMPROBE	T00001FG		538785	T1314S	6/17/2020		B04 FO	B04	B04 FO
28	26	GRS AMMETER TEST FIXTURE	T0001SSN	K81065	50740	T0767S	10/3/2020		B04 FO	B99	B04 FO
29	27	TEXTRONIX 1503B Metallic TDR Cable Tester	T00000KJ	19495-288	102003	T0956S	11/1/2020		B35	X	B04 FO
30	28	GRS MARKERCOIL TEST UNIT	T00004N9	55735I002 REV E	102198	T0943S	10/29/2020		B35	B99	B04 FO
31	29	TEXTRONIX THS720A SCOPE (100MHZ)	T0000SW3	8032085	172254	T1254S	10/28/2020		B04 FO	B04	B04 FO
32	30	FLUKE THERMAL IMAGER	T00027X6	T125-11040335		T1997S	1/14/2021		B35	B99	B04 FO
33	31	Fluke 123B Industrial Scope	T0003LUT			T2557S	???		B99	B99	B99
34	32	ALSTOM Marker Coil Tester	T000077C		122742	T1453S	1/24/2021		B99	B99	B99
35	33	UTE ULTRA-TECH AC Vane relay tester	T00028UM	1107003	172737	T2080S		SAMs 04/24	B99	B99	B99
36	34	MEGGER MJ159 (ANALOG)	T0000BLJ	9801551931-0198	172533	T1377S	5/20/2021				
37	35	TEXTRONIX THS720A SCOPE (100MHZ)	TOC00RUH	B044111	258907	T1596S	10/24/2020		B04 FO	B04	B04 FO
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