



## Inspection Form

**Form WMSC-IR-1**

Washington Metrorail Safety Commission

### Agency/Department Information

<b>Inspection Date</b>	YYYY	MM	DD	<b>Report Number</b>	20191119-WMATA-KEK-5		
	2019	11	19				
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority			<b>Rail Agency Department</b>	WMATA - ATC	<b>Sub-Department</b>	ATC
<b>Rail Agency Department Contact Information</b>	<b>Name</b>		<b>Email</b>	<b>Office Phone</b>		<b>Mobile Phone</b>	
	[REDACTED]		[REDACTED]	[REDACTED]		[REDACTED]	
	[REDACTED]		[REDACTED]	[REDACTED]		[REDACTED]	
<b>Inspection Location</b>	K03/K02 – CM 247+81 to CM 233+089 – Orange and Silver Lines						

### Inspection Summary

Inspection Activity #	1	2	3	4	5	6
<b>Activity Code</b>	STC-OBS-WI	STC-OBS-RM	STC-OBS-RM	STC-OBS-RM	STC-OBS-RM	
<b>Inspection Units</b>	K2-247 Tk Cir	K2-245 Tk Cir	K2-243 Tk Cir	K2-241 Tk Cir	K2-239 Tk Cir	
<b>Inspection Subunits</b>	0	0	0	0	0	
<b>Defects (Number)</b>	0	0	0	0	0	
<b>Recommended Finding</b>	0	0	0	0	0	
<b>Remedial Action Required<sup>1</sup></b>	NONE	NONE	NONE	NONE	NONE	
<b>Recommended Reinspection</b>	NONE	NONE	NONE	NONE	NONE	

### Activity Summaries

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>				ATC Track Circuitry Shunt Verification Observation			<b>Activity Code</b>		STC	OBS	QIA
<b>Job Briefing Employee Name/Title</b>	WMATA RWIC – Emp # [REDACTED] “AA”		<b>Accompanied Inspector?</b>	YES	<b>Out Brief Conducted</b>	YES	<b>Time</b>	1050am	<b>Outside Shift</b>	No			
<b>Related Reports</b>	N/A		<b>Related CAPS / Findings</b>		N/A								
<b>Related Rules, SOPs, Standards, or Other</b>	<b>Ref</b>		<b>Rule or SOP</b>		<b>Standard</b>		<b>Other / Title</b>		<b>Checklist Reference</b>				
	RWP – AMF Protection								HF Track Cir AC/DC				
	ATC-1000		1012C		O&M Manual AF80010		TCR-Book of Plans		Form 1012A-1 – 1012B-1				
<b>Inspection Location</b>	<b>Main Track</b>	<b>Yard</b>	<b>Station</b>	<b>OCC</b>	<b>RTA Facility</b>	<b>WMSC Office</b>	<b>Track Type</b>	<b>At-grade</b>	<b>Tunnel</b>	<b>Elevated</b>	<b>N/A</b>		
	X		X						X				
<b>Line(s)</b>	K-Line		<b>Track Number</b>	2	<b>Chain Marker and/or Station(s)</b>		<b>From</b>		<b>To</b>				
							K03 (Virginia Square) 247+81 +/-		K02 (Clarendon) 233+89 +/-				
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		N/A						
	N/A		N/A										
<b>Description</b>									<b>Number of Defects</b>		0		

<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.

<b>Inspector in Charge – Signature</b>		<b>Date</b>
KEMMERY E. KENDRICK		11/19/2019
<b>Inspector in Charge – Name</b>	<b>Inspection Team</b>	
KEMMERY E. KENDRICK	Washington Metrorail Safety Commission	



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<p>WMSC personnel under the protection of a WMATA RWIC and an AMF protection performed a verification of Track Circuit Shunt testing. Work was performed by ATC department technicians. The location was reported as TCR K03 247+81 +/- (Virginia Square) to 233+89 +/- Clarendon Station. Working from K03 towards K02 the inspections started at 1050 am and ended at K02 location.</p> <p>Notable Observations:</p> <ol style="list-style-type: none"> <li>1. 1040hrs permission received from ROCC OPS before entering the roadway at K03 (Virginia Square).</li> <li>2. 3 crew members working under traffic with an AMF proceeded through tunnel with inspection for shunting test using 0.06-ohm shunt.</li> <li>3. Physically observed (WI) first location at K03 for Tk Cir K2-247.</li> <li>4. Continued inside TCR observing crew shunting from K03 by monitoring wayside track relays for drop/pick verification, along with AF Track circuit equipment for proper on/off light displays.</li> <li>5. TCR crew members recorded midpoint peak-to-peak for proper values</li> <li>6. Test concluded successfully of all track circuits operating as intended</li> </ol>	<b>Recommended Finding?</b>	NO
	<b>Remedial Action Required?</b>	NO
	<b>Recommended Reinspection?</b>	NO
<b>Remedial Action</b>	N/A	

