



## Inspection Form

**Form WMSC-IR-1**

Washington Metrorail Safety Commission

**Agency/Department Information**

<b>Inspection Date</b>	YYYY/MM/DD 2023/09/04	<b>Report Number</b>	20230830-WMSC-MAL-1
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority	<b>Rail Agency Department</b>	Name
<b>Rail Agency Department</b>	CMNT	<b>Contact Information</b>	
<b>Inspection Location</b>	West Falls Church Annex G-Building 7253 Idylwood Road Fall Church, Virginia 22043		

**Inspection Summary**

<b>Inspection Activity #</b>	1
<b>Activity Code</b>	VM-WI-PI
<b>Inspection Units</b>	1
<b>Inspection Subunits</b>	1
<b>Defects (Number)</b>	2
<b>Recommended Finding</b>	Yes
<b>Remedial Action Required<sup>1</sup></b>	No
<b>Recommended Reinspection</b>	No

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	On-site Observation				<b>Activity Code</b>	VM-WI-PI			
<b>Job Briefing Employee Name/Title</b>	WMATA Inspection	<b>Accompanied Inspector?</b>	No	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	07:30 AM	<b>Outside Shift</b>	No		
<b>Related Reports</b>	<b>Related CAPS / Findings</b>			N/A							
<b>Related Rules, SOPs, Standards, or Other</b>	Ref	Rule or SOP		Standard		Other / Title		Checklist Reference			
	Metrorail Safety Rules and Procedures Handbook (MSRPH). Section 4 Safety Rules	N/A		N/A		N/A		N/A			
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
		X									X
<b>Line(s) &amp; Track Number</b>	West Falls Church Annex G-Building 7253 Idylwood Road Fall Church, Virginia 22043			<b>Chain Marker and/or Station(s)</b>		From		To			
						N/A		N/A			
<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>	<p>WMSC Inspector conducted a rules compliance inspection of the West Falls Church S&amp;I Shop and Yard for compliance with the Metrorail Safety Rules and Procedures Handbook (MSRPH), including Preventive Maintenance Inspections (PMI) activities. General Information: WMSC participated in 2K3K railcars marker antenna and ATP coil testing process at the West Falls Church S&amp;I shop. CMNT Inspection Office transported railcars 3116-17 and 2064-65 to the West Falls Church Annex Building-G to perform marker antenna and ATP coil testing per MSI 180320, ATP Coil Frequency Response and MSI 180328, Marker Coil Test. The following observations were noted. WMSC met with West Falls Church Assistant Superintendent, Inspection Office Supervisor, PMD Supervisor, CENV engineers, and CMNT mechanic. An ATP coil testing was performed on railcar 3116. Both left-side and the right-side ATP coils failed the test. Failed ATP coils will need to be replaced. Railcar 3117 was also tested, and both the left-side and the right-side ATP coils failed the test. None of the failed ATP coils were marked or tagged as failed on the coils. See Attachments #1 and #2. CMNT personnel stated that they have not had any marker antennas failures.</p>							<b>Number of Defects</b>			
								<b>Recommended Finding?</b>		Yes	
								<b>Remedial Action Required?</b>		No	
								<b>Recommended Reinspection?</b>		No	
<b>Remedial Action</b>											

<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's Signature</b>	<b>Date</b> 2023/09/04
<b>Inspector in Charge's Name</b> Manuel Lopez	<b>Inspection Team</b>