



### Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

**Agency/Department Information**

<b>Inspection Date</b>	YYYY/MM/DD 2024/03/08	<b>Report Number</b>	20240225-WMSC-RRD-1
<b>Rail Agency Name</b>	Washington Metropolitan Area Transit Authority	<b>Rail Agency Department</b>	Name
<b>Rail Agency Department</b>	SAFE	<b>Contact Information</b>	
<b>Inspection Location</b>	Federal Triangle Station 302 12th Street NW Washington DC 20004		

**Inspection Summary**

<b>Inspection Activity #</b>	1
<b>Activity Code</b>	EMGT-QAI-OBS
<b>Inspection Units</b>	1
<b>Inspection Subunits</b>	0
<b>Defects (Number)</b>	0
<b>Recommended Finding</b>	No
<b>Remedial Action Required<sup>1</sup></b>	No
<b>Recommended Reinspection</b>	Yes

**Activity Summaries**

<b>Inspection Activity #</b>	1	<b>Inspection Subject</b>	Tunnel Smoke Detection System Test				<b>Activity Code</b>	EMGT-QAI-OBS			
<b>Job Briefing Employee Name/Title</b>	Yes	██████ RWIC Call # 6096	<b>Accompanied Inspector?</b>		Yes	<b>Out Brief Conducted</b>	Yes	<b>Time</b>	11:00 PM	<b>Outside Shift</b>	Yes
<b>Related Reports</b>	WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY Task Order - ENGA2019-012-PLT		<b>Related CAPS / Findings</b>			NTSB R-16-16 FTA-Rail-5-35-C WMSC-20-C0053					
<b>Related Rules, SOPs, Standards, or Other</b>	Ref		Rule or SOP		Standard		Other / Title		Checklist Reference		
	NFPA 130 (5.5, 6.5, 7.7.1, 7.7.1.1)		SOP 678						WMATA's Ventilation Playbook		
<b>Inspection Location</b>	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	<b>Track Type</b>	At-grade	Tunnel	Elevated	N/A
			X								
<b>Line(s) &amp; Track Number</b>	Federal Triangle Station 302 12th Street NW Washington DC 20004			<b>Chain Marker and/or Station(s)</b>		From		To			
						D005+00 Red Hot Spots: 019+00 003+00 040+00		D065+00 Red Hot Spots: 013+00 C003+00 034+00			
<b>Vehicles</b>	<b>Head Car Number</b>		<b>Number of Cars</b>		<b>Equipment</b>		Fans/Vent Shaft				
	Test Train: 3087/3096		6								
<b>Description</b>	The WMSC Inspector conducted an observation of a Tunnel Smoke Detection System pilot test. The test was due to recommendations and findings from the NTSB. The pilot test is to ensure that WMATA has a functioning smoke detection system in the tunnels and any corresponding policies and procedures align at the conclusion of the pilot (when the new systems go live). RWP followed the MOR. A complete and thorough safety briefing was conducted, and everyone had the proper safety gear. A 3000 series test train was used to conduct the test. The WMSC inspector observed a total of 4 tests (2 on the test train and two via the platform and tunnel area). The fans for this location were exercised during this test. WMATA conducted PMIs of the Fans prior to the test. The test was done using the Piston Effect with the test train and with static smoke to create a real-world scenario.						<b>Number of Defects</b>		0		
							<b>Recommended Finding?</b>		No		
							<b>Remedial Action Required?</b>		No		
							<b>Recommended Reinspection?</b>		Yes		
<b>Remedial Action</b>											



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Photos:

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20240226\_023954.jpg





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20240226\_022915.jpg



<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.

Inspector in Charge's Signature		Date 2024/03/08
Inspector in Charge's Name Richard David	Inspection Team N/A	