



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2021/08/16	Report Number	20210816-WMSC-MAL-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	ELES	Contact Information	
Inspection Location	Ronald Reagan WNA – C10 2401 Smith Blvd, Arlington, VA 22202		

Inspection Summary

Inspection Activity #	1
Activity Code	VT-WI-PI
Inspection Units	1
Inspection Subunits	1
Defects (Number)	2
Recommended Finding	Yes
Remedial Action Required¹	No
Recommended Reinspection	No

Activity Summaries

Inspection Activity #	1	Inspection Subject	Remote Inspection				Activity Code	VT-WI-PI			
Job Briefing Employee Name/Title	WMATA Inspection	Accompanied Inspector?	No	Out Brief Conducted	No	Time	09:00 AM	Outside Shift	No		
Related Reports	N/A	Related CAPS / Findings			N/A						
Related Rules, SOPs, Standards, or Other	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			
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
			X								
Line(s) & Track Number	Ronald Reagan WNA – C10 2401 Smith Blvd, Arlington, VA 22202			Chain Marker and/or Station(s)			From	To			
							N/A	N/A			
Vehicles	Head Car Number		Number of Cars		Equipment		N/A				
	N/A		N/A								
Description	<p>WMSC Inspector conducted a rules compliance inspection of escalators at the Metrorail system, including inspections of installations at the Ronald Reagan WNA Station on the Red Line. The inspector requested several documents from Elevator/Escalator Department (ELES) for compliance with Metrorail Safety Rules and Procedures Handbook (MSRPH), as well as equipment maintenance activities, incidents, and documentation. General Information: o WMSC's inspector requested and received several documents from the WMATA's Elevator/ Escalator Department (ELES). The following documents were reviewed: ELES Escalators Monthly and Annual Inspection Check Sheets o Escalators monthly and Annual Inspections Check Sheets at the Ronald Reagan WNA Station were reviewed, and the following information is provided. o The pass/fail criteria for the escalator comb plate impact devices requirements are as follows. (a) Vertical settings range should be 140 - 150 lbs. (b) Horizontal settings range should be 300 - 400 lbs. and (c) Center horizontal settings range should be 600 - 800 lbs. o Load measurements taken from comb plate impact devices during field inspections of escalator numbers C10N01-04, and C10S01-04 revealed that some measurements fell outside of impact devices allowable load requirements. See Attachment #1. o Finding #1– ELES is requested to adjust load settings of comb plate impact devices to comply with the allowable pass/fail criteria on check sheets, as required. o Escalators and elevators check sheets do not state weather an elevator or escalator should remain in service after an inspection revealed some major and minor findings. See Attachment #2. The check sheets only states that the elevator or escalator needs to be re-inspected within 30 days. o Finding #2 – ELES is requested to add a statement to check sheets to state weather the elevator or escalator can remain in service until the findings are corrected or the unit needs to be taken out of service until the findings are corrected.</p>							Number of Defects		2	
								Recommended Finding?		Yes	
								Remedial Action Required?		No	
								Recommended Reinspection?		No	
Remedial Action											

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



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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 2021/08/16
Inspector in Charge's Name Manuel Lopez	Inspection Team N/A	