

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20200624-WMSC-MAL-1				
inspection Date	2020	06	24	Report Number	20200024-VVIVISC-IVIAL-1				
Rail Agency Name	Washington Metropolitan Area Authority		Area Transit	Rail Agency Department	CMNT	Sub- Department		West Falls Church Yard	
		Name		Email	Office Phone	2	N	Nobile Phone	
Rail Agency Department Contact Information		I							
Inspection Location	West Falls (7253 Idylw		hop - Railyard	l K99					
•		h, Virginia 22	043						

Inspection Summary

Inspection Activity #	1	2	3	4	5	6
Activity Code	VM-WI-PI					
Inspection Units	1					
Inspection Subunits	1					
Defects (Number)	1					
Recommended Finding	No					
Remedial Action Required ¹	No					
Recommended Reinspection	No					

Activity Summaries

Inspection Activity #	1 Inspection Subject Shop /			/ Yard In	spectio	ion Observation			Activity Co	ode	VM	WI	PI		
Job Briefing Employee Name/Title	WMATA Inspection				mpani ector?	ed	N/A	Out Brief Conducted	N/A	Time	Virtua	Outsid Shift	e No		
Related Reports	N/A					Rela	ted CA	PS / F	indings						
	Ref Rule or			or SOP	Standard			Other / Title			Checklist Reference				
Related Rules, SOPs, Standards, or Other	MetroRail Safety Rules and Procedures Handbook (MSRPH). Section 4– Safety Rules														
	Mai Trac		Yard	Stat	ion	осс	RT. Facil		WMSC Office	Touch Touc	At-grade	e Tu	nnel	Elevated	N/A
Inspection Location			x							Track Type					х
Line/a)	К99		Track		NI/A		Chair	n Mai	rker From		From			То	
Line(s)	KSS		Numbe	er	IN/A	N/A and/or Station(s) N/A		N/A			<u> </u>				
w.1.1	Hea	d Car N	lumber		Numbe	er of Cars									
Vehicles		N/A			N	I/A	E	quip	ment	N/A					

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		Number of Defects	1
	WMSC Inspector conducted a Rules Compliance observation at the West Falls	Recommended Finding?	No
	Church (WFC) S&I Shop and Yard Facilities. The inspector requested several documents from daily Periodic Inspections (PIs) activities performed at the S&I	Remedial Action Required?	No
Description	Shop and yard for compliance with Metrorail Safety Rules and Procedures Handbook (MSRPH), as well as equipment maintenance activities, special tools, and documentation. General Observations: Much of the information requested from WFC, Brentwood, and Shady Grove was not received at the time this report was issued and will be included in the next report. WFC is the only facility that is currently working to bring 2K and 3K railcars out of cold storage condition. Cold storage condition is defined in SOP 1.17, Managing Personnel and Work Assignments in Rail Yards. Personnel at WFC have more time to perform PIs on railcars, because they do not have to get railcars ready for revenue service daily. WFC facility is isolated from the rest of the system due to the Orange and Silver Line shutdown. Approximately 100 of the 180 2K and 3K railcars will complete full PIs by the end of this week at WFC. The 2K railcars will also go through full PIs. The total number of 2K and 3K railcars in the fleet is down to 356 railcars from 364 due to accidents. Once the railcar goes through full PIs, the railcar goes back to storage, in a ready for revenue service condition. WMATA expects to return staffing levels back to normal later in July. Once the staffing levels return to normal, WMATA expects to return the raining railcars, in cold storage, back to full revenue service condition in four weeks. Periodic Inspections and Procedures Received four completed Periodic Inspections A-2 for railcars 3192-93, 3162-63, 3248-49, and 3200-01, after coming out of the cold storage condition. These railcars were kept in cold storage since March 2020. Reviewed these Periodic Inspections and noted some inconsistencies under the completed Task # 40 checklist for railcars 3248 and 3192. Some of the fields such ATC ground rack measurements, VMS wheel diameters for the A and B railcars, and the wheel wear validation field were left blank (Attachment 1). See properly completed fields for railcars 3200 and 3162 (Attachment 2). Periodic Inspect	Recommended Reinspection?	No
Remedial Action	N/A		
Effective Practices	Effective Practices		

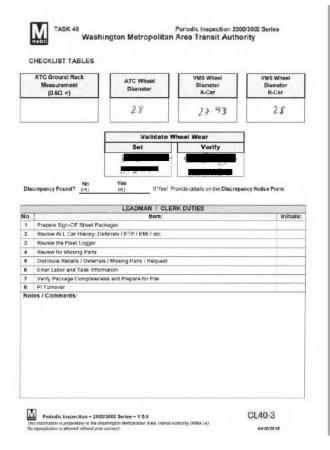
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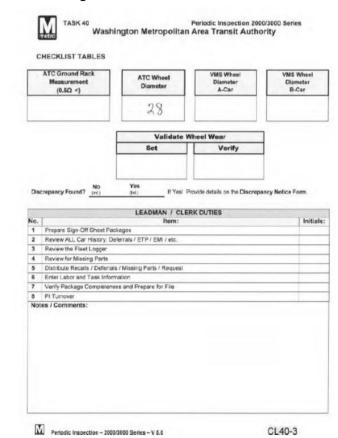


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Photos: Attachment 1 - PI A-2 forms for railcars 3192 and 3248 with missing information



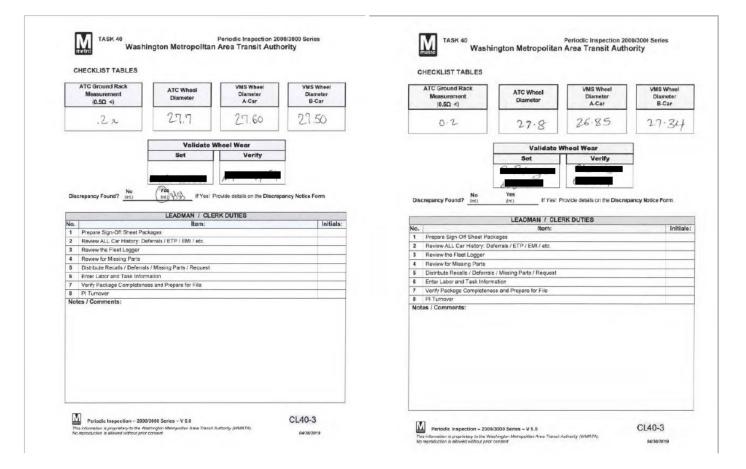




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Photo 2 - PI A-2 forms for railcars 3200 and 3162 with completed fields



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Photo 3 – PI A-2, Daily Periodic Inspections Checklist for railcar 3248

DATE: 06/16/20	20	CLEANER (S)		(1		
CAR NUMBER: 3248				(2)		
START TIME: 09.00		ENDTIME: OS 30 AM				
MAJOR AREAS	Cleaned Initials (1)	Cleaned Initials (2)	COMMENTS			
CAB AREA	MM					
(A) FLOOR	in					
(B) VENTS	M					
(C) OP. SIDE WINDOW & WINDSHIELD	M					
(D) CONSOLE	MI					
(E) SEAT(S)	m					
(F) DOORS	An					
(G) CEILING	Art					
PASSENGER AREA						
FLOOR: (A) Gum Removal	1					
(B) Vacuum						
(C) Shampoo						
SEATS: (A) Cushions						
(B) Backs						
PARTITIONS	1					
WINDSCREENS						
DOORS: (A) Panels						
(B) Glass						
(C) Threshold Plates						
HEADLINERS	1					
SIDELINERS						
CEILING						
WINDOWS: (A) Side						
(B) End	1					
DEST, SIGN GLASS	/					
WINDOWS-EXTERIOR						
VENTS: (A)Overhead						
B) Floor						
SEAT WELLS						
DOOR OPERATOR PANELS						
LIGHT DIFFUSERS						
VERT. + O/H	-0					

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Photo 4 - PI A-2, Tasks # 10 through 110 Checklist and Post PI Checklist for railcar 3249

	FC Inspt A A Car# 2 Car# 3 249 W/O# 15722096		Date: Jan 15, 2020				
Supervis	or Signature: VMATA Day 5000 11 800 11 800	Employee	#.				
Supervis	or Signature:	Employee	*				
Supervis	or Signature:	Employee :	*				
	or Signature:	Employee					
Dupo Ho	n Ogratio.	Lilipioyee					
Int LS	TASK 10 - UNDERCAR CLEANING						
-							
Int LS	TASK 10 - UNDERCAR CLEANING						
int LS	TASK 20 - TRUCKS/COUPLERS						
Int LS	TASK 25 - ULTRASONIC LEAK DETECTION						
nt LS	TASK 30 - UNDERCAR ELECTRICAL						
nt LS	TASK 35 - PROPULSION						
237	TASK 35 - PROPULSION TASK 40 - INTERIOR						
nt LS							
nt LS	TASK 40 - INTERIOR						
nt LS nt LS	TASK 40 - INTERIOR TASK 50 - HVAC						
nt LS nt LS nt LS nt LS	TASK 40 - INTERIOR TASK 50 - HVAC TASK 60 - LUBRICATION	OKS					
nt LS nt LS nt LS nt LS nt LS nt LS	TASK 40 - INTERIOR TASK 50 - HVAC TASK 60 - LUBRICATION TASK 70 - BRAKE RATES/UTILITY	oks					
nt LS	TASK 40 - INTERIOR TASK 50 - HVAC TASK 60 - LUBRICATION TASK 70 - BRAKE RATES/UTILITY TASK 80 - AIR SPRINGS AND CARBODY HEIGHT CHECK	cks					

POST PI SAFETY IN	SPECTION
car pair after Periodic Inspe hinges, access panels, and o ensure there is no test equi walks or shop floor. Ensure normalized. The following o possible hazard which may	at a generalized final inspection be performed before moving the ction. The final inspector should check to ensure that all latches, foors are secure. The inspection area must also be checked to pment, tools, drop lights, or other items left on rails, stanchions, cat that all subsystem clircuit breakers, switches, and cut-outs are theckiks it as guide and does not nor cannot cover each and every be encountered by this inspection. It is also important to note that tute or replacement for the standard DST and Outside Functional
C	AR PAIR #'S 3248 / 3249 (A2)
Detailed inspection of	undercar:
Ensure that all latch Ensure that all latch Check for foreign ob items left which may cords draped over th Check that all under Ensure shop tracks a cords, which may int Ensure there are no next to the train, wh Ensure lift plates are Verify that the pneum the train is nowed fi Ensure and cablin components. Check front and rear	car circuit breakers are turned on. re forward clear of any foreign objects, such as tools or extension terfore with the dynamic envelop of the train, shop ladders, scaffolding, or other shop equipment underneath or ich could possibly interfere with train movement. stowed (if applicable). Remove wheel chocks if present: matic horn is cut-in. Remove the pneumatic horn mufflers before

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
		06/24/2020
Inspector in Charge – Name	Inspection Team	
Manuel Lopez	Manuel Lopez	

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