

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY	MM	DD	Report Number	20200803-WN	15C N1/	\	
Inspection Date	2020	08	03	Report Number	20200803-001	VISC-IVIA	4L-1	
Rail Agency Name	Washington Authority	Metropolitan	Area Transit	Rail Agency Department	CMNT	Sub- Departm	ent	Alexandria and Yard
	ı	Name Email		Office Phone	2	Mobile Phone		
Rail Agency Department Contact Information		•						
Inspection Location		S&I Shop - R hower Avenu VA 22314	•					

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 S	ubject	Virtu	al Shop /	Yard Insp	ection		Activity Co	ode	VM	ı wı	PI	
Job Briefing Employee Name/Title	WMAT	A Inspection	ı			ompanied ector?	N/A	Out Brief Conducted	N/A	'A Time		Outsid Shift	No	
Related Reports	N/A				Rela	ted CAPS	Findings							
	Ref			Rule	or SOP	OP Standard			Other / 1	Other / Title			ference	
Related Rules, SOPs, Standards, or Other	and Pr Handb	Rail Safety Ro ocedures ook (MSRPH n 4– Safety R).											
	Main Track	l Vard	Sta	ation	осс	RTA Facility	WMSC Office	T	At-grad	de Tunnel		Elevated	N/A	
Inspection Location		x						Track Type					х	
U(-)	C99	Trac	k	NI/A		Chain N	arker	rker				То		
Line(s)	C39	Nun	nber	N/A		and/or	Station(s)	ation(s) N/A			N/A			
	Head	Car Numbe	r	Numbe	er of Cars									
Vehicles		N/A		1	N/A	Equ	pment	N/A						

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		Number of Defects	1
	WMSC Inspector conducted a virtual rules compliance inspection of the	Recommended Finding?	No
	Alexandria Shops, and Yard Facilities. The inspector requested numerous	Remedial Action Required?	No
Description	documents from daily activities performed at the Shop and yard for compliance with Metrorail Safety Rules and Procedures Handbook (MSRPH), as well as equipment maintenance activities, special tools, and documentation. General Information: WMSC's inspector requested and received several documents from the Alexandria facility. WMSC will address Alexandria's facility concerns at the next CMNT/CENV Zoom meeting. The following documents were reviewed: CMNT Daily Shop Safety Inspection & Housekeeping Checklist for July 15, 16, and 17-2020 Reviewed CMNT's Daily Shop Safety Inspection & Housekeeping Checklist (see Attachment #1). This document clearly identifies safety deficiencies found in the shops and yard and identifies what action needs to be taken, and the status. One safety deficiency was found, a spray bottle had no safety label. This deficiency was listed as unsatisfactory on the checklist and it was corrected on the same day. Periodic Inspections (PIs) Type A for railcars 7426-27 was completed on 7-16. Type C for railcars 7030-31 was completed on 7-17. Type B for railcars 7438-39 was completed on 7-16 and Type B for railcars 7272-73 was completed on 7-19-2020. Reviewed PIs Type A, B, and C data for railcars 7426-27, 7030-31, 7438-39, and 7272-73 and the following information is provided. Reviewed PIs Type A, B, and C data for railcars 7426-27, 7030-31, 7438-39, and 7272-73 and the following information is provided. Reviewed the special tools list and the following comments are provided: There are many special tools missing that are needed to conduct Periodic Inspections on 2K3K, 6K, and 7K railcars. Reviewed the special tools list and the following comments are provided: There are many special tools missing that are needed to conduct Periodic Inspections on 2K3K, 6K, and 7K railcars at the Alexandria facility. Safety Committee Safety Concern Open Items List at Alexandria. WMATA's has a safety committee meets monthly to address railcars, equipment, and facilities issues. This committee prepares a	Recommended Reinspection?	No
Remedial Action	N/A		
	Effective Practices		
Effective Practices	 The documents provided depict that the Alexandria facility is a well-organi describe processes, identifies issues, safety concerns, and action that need 		

Photos:

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Attachment 1 – CMNT Daily Shop Safety Inspection & Housekeeping Checklist at Alexandria Facility.

BA S&I BW S&I			Inspected by			
	GB S8	d	GB T&M	GB Annex	GB Paint B	ooth
I SG S&I WFC S&I	WFC Ann	nex				
Notes / Comments are required for ar	omments are	ence tory	ouraged where helpfu mark. Must include de	d.		
Housekeeping		٠		Aprons / Leads		S
Hazardous Waste Storage	S	₹	Cigaret	te Butt Containe	rs	S
Fire Lanes / Parking		٠		Lighting		S
Sidewalks		٠		ters / Trash Can	s	S
	NOTES	/ CO	MMENT			
	Sho	p FI	oor			57
Housekeeping		ė		erhead Doors		s
Housekeeping - Floor	S	•		Exit Doors		S
Power Boxes	S		Oil Room		S	
Stingers	S	•	Wheel Lathe			S
Drop Lights / Extension Cords	S	•	Walkways		S	
Lighting	S	•	Blow Pit			S
Used Oil Storage	S	٠	Used Part Tag & Storage		S	
Eyewash Stations		٠	Lockout / Tagout		S	
Equipment Tag		٠	Train Lifts		S	
Blue Flag / SOP 12	_			mable Cabinets		S
Food Prep Equipment	NOTES	٠		ttle Labeling		S
/SOP 12- No blue flag protection card placed	on the car(Tap	per ac		ooths		
Housekeeping		•		Walkways		S
Exit Doors	S	•	Appropriate PPE			
Drains	S	•	Overhead Doors (if applicable)			
	NOTES	/ CO	MMENT			100
Office /	Administra	ative	Areas of Building			
Housekeeping		•		hways / Exits		s
First Aid Kits Sealed (wherever located)	S	•		Storage		S
	NOTES	CO	MMENT			

Date Inspected: Jul 16, 2020		Inspected by:	200		
AL S&I ✓ BA S&I BW S&I	GB S&I	GB T&M	GB Annex	GB Paint Booth	1
NC S&I SG S&I WFC S&I	WFC Annex				
Notes / Comments are required for any U	nents are end nsatisfactory	couraged where help mark, Must include	ıful.		
		of Building			
Housekeeping	S		p Aprons / Leads		
Hazardous Waste Storage	S	Cigar	ette Butt Containe	rs	
Fire Lanes / Parking	S		Lighting		
Sidewalks	NOTES / CO		psters / Trash Can	s	
	Shop F	loor			
Housekeeping	s		verhead Doors		_
Housekeeping - Floor	S		Exit Doors		Ť
Power Boxes	S	Oil Room			
Stingers	S	Wheel Lathe			-
Drop Lights / Extension Cords	s	Walkways			-
Lighting	S	Blow Pit			-
Used Oil Storage	S	Used Part Tag & Storage		je .	5
Eyewash Stations	S	Lockout / Tagout			-
Equipment Tag	S	Train Lifts			
Blue Flag / SOP 12	S	Fla	mmable Cabinets		
Food Prep Equipment	S		Bottle Labeling		7
Sottle Labeling-Spray Bottle had no safety label on it (Tape		Steam Cleaning	Booths		
Housekeeping	S		Walkways		s
Exit Doors	S	A	ppropriate PPE	- 1	- 5
Drains	S	Overhea	d Doors (if applica	able)	5
	NOTES / CO	DMMENT			_
Office / Ad	ministrativ	e Areas of Buildin			
Housekeeping	S	Pathways / Exits			
First Aid Kits Sealed (wherever located)	S		Storage		
	NOTES / CO	OMMENT			_

te Inspected: Jul 17, 2020			In	spected by:				
S&I ✓ BAS&I BWS&I	GB S&I	_	П	GB T&M	Т	GB Annex		GB Paint Booth
	WFC Anne		Н		_	T do rement	_	100.000
Place an "S" = Satisfactory or "U			ory	inspection fi	ndin	g next to each	h an	ea.
Notes / Comm								
Notes / Comments are required for any U	erior Area				e de	stails and corr	ectr	re action(s).
Housekeeping		15 0	пр		hon	Aprons / Lea	de	
Hazardous Waste Storage	S	⊢	-			te Butt Contai		. +
Fire Lanes / Parking	S	Н	-	Oig	ai e c	Lighting		
Sidewalks	8	\vdash	_	Du	mne	ters / Trash C	ans	
	NOTES /	101			про	tora / Trausir O	dillo	
Housekeeping	Shop	Flo	or		Qv	erhead Doors		
Housekeeping - Floor	s	\vdash	_			Exit Doors	_	
Power Boxes	S	-				Oil Room		
Stingers	s	Wheel Lathe						
Drop Lights / Extension Cords	s	Walkways						
Lighting	s	Blow Pit						
Used Oil Storage	8	Used Part Tag & Storage			,			
Eyewash Stations	S	Г			Loc	kout / Tagout		
Equipment Tag	S					Train Lifts		
Blue Flag / SOP 12	S	Flammable Cabinets						
Food Prep Equipment	S				Вс	ttle Labeling		
	NOTES /							
Part Tag & Storage- Seats and Fire extinguishers in t							_	
Car Wash / Clea Housekeeping		1	tol	ım Cleanin		Walkways	_	
Exit Doors	S	\vdash	_			propriate PPE	_	-
Drains	s	⊢		Overh		Doors (if app		ole)
1	NOTES /	CON	им	ENT	-			,
Office / Ad	ministrati	ve	Are	eas of Ruile	tino			
Housekeeping	s	Ī				hways / Exits		
First Aid Kits Sealed (wherever located)	S					Storage		1
	NOTES /	CON	им	ENT				

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Attachment 2 – Missing Railcars Special Tools List at Alexandria.

		CONSOLIDATE	Т		QTY REQUIRED								
	VMATA Drawin Number	Description	7K 🔻	2K/3K 🔻	6K 🔻	AL 🕌	G ~	h 🕶	S	٧Ψ	E 🕶	Tol R€	Syste Floa
	WDE000837	Brake Pad Slack Adjuster GofNo-Go Gauge	STEP 20.4.3 STEP 20.4.4		STEP 20.4.8 STEP 20.5.3	3	3	3	9	3	3	24	
	WDE000634	Brake Pad Thickness Go/No-Go Gauge	STEP 20.4.4	STEP 20.5.1 - 2	STEP 20.5.2 STEP 20.5.4	2	6	6	6	4	6	30	
	VDE000548	Pin Gauge Set	STEP 20.5.7 STEP 20.5.22 STEP20.5.48	STEP 20.6.7 STEP 20.6.12 - 29	STEP 20.6.7 STEP 20.4.8 STEP 20.6.20 - 26 STEP 20.6.34 - 38 STEP 20.6.46 - 50	3	3	3	6	3	6	24	
	WDX000295	Shoe Height Tool - 3.75"		STEP 20.22.1	STEP 20.20.2 STEP 20.21.1 - 4	0	-2	-1	1	0	3	1	
	WDE000733	Shoe Height Tool - 3.5"	STEP 20.18.2 STEP 20.19.1 - 5			0	-1	-2	1	-2	3	-1	
	VDE000539	Rubber Compression Condemning Limit Gauge			STEP 20.7.7 - 8	-3	-3	-3	0	-3	0	-12	
П	WDE000554	Coupler Hook Buff and Pull Go Gauge	STEP 20.31.1	STEP 20.29.1 - 3	STEP 20.28.1 - 3	3	3	1	- 6	3	- 6	22	
	WDE000619	Coupler Hook Buff and Pull No-Go Gauge Coupler Hook Heightr Width "No-Go"	STEP 20.31.2	STEP 20.29.1 - 3	STEP 20.28.1 - 3	3	3	1	- 6	4	- 6	23	
	WDE000620	Coupler Hook Heightr Width "No-Go"	STEP 20.31.3	STEP 20.30.2	STEP 20.29.1	3	3	3	7	2	- 6	24	
	VDE000553	Throat Opening No-Go Gauge(Welded)	STEP 20.31.4		STEP 20.30.1 - 2	0	0	-2	3	0	3	4	
	WDE000618	Throat Opening No-Go Gauge(Bolted)		STEP 20.30.2 STEP 20.31.2 STEP 20.32.2		2	3	1	2	1	3	12	
	WDE000552	Guide Pin Go/No-Go Gauges	Add to Insp	STEP 20.32.2	STEP 20.31.1 - 2	0	0	0	4	0	3	7	
	WDE000695	Coupler Hook Extension Tool	Add to Insp	STEP 20.29.4 - 10	STEP 20.28.4	1	0	0	3	0	3	7	
	WDE000843	Handle for Electrical Couplers	STEP 30.11.3 - 6			3	3	3	3	3	3	18	
	WDE000550	Glass Tube	STEP 30.8.6	STEP 30.13.5 - 6	STEP 30.14.8	-1	1	0	- 6	1	3	10	
	VDB000111	Coupler Pin Alignment Tool		STEP 30.16.8	STEP 30.17.8	0	0	-1	3	0	3	5	
	WDE000841	Armature Gap Gauge, Sécheron 4H3S2028	STEP 35.5.3 - 4 STEP 35.6.2 - 3			3	3	3	3	3	3	18	
	WDE000842	Main Contact Tip Gauge, Sécheron 4H3S2029	STEP 35.5.4 - 6 STEP 35.6.4 - 5			3	3	3	3	3	3	18	
	VDE000810	Line Contactor Special 0.8mm Gauge		STEP 35.5.15	STEP 35.5.15	0	0	0	2	0	3	5	
	VDE000838	Dipstick Gauge		STEP 60.1.3 - 4	STEP 60.1.3 - 4	3	3	3	1	3	3	16	
	VDM190173	5/6K Go/No-Go Gauge, Air Spring Height			STEP 80.1.6	-4	-3	-3	0	-3	0	-13	
	VDM180140	Breda Air Bag Go/No-Go Gauge		STEP 80.2.1		-2	1	1	0	- 1	3	4	
	V/DE000819	7K Go/No-Go Gauge, Air Spring Height	STEP 80.1.6 - 11			3	3	3	3	3	3	18	
	WDE000549	Threshold Height T-Square Gauge	STEP 80.1.8 - 10	STEP 80.1.1	STEP 80.1.8 - 10 STEP 80.2.1 - 7	1	0	0	0	1	3	5	
	WDE000640	Threshold Height Reference Bar	STEP 80.1.8 - 10	STEP 80.1.1	STEP 80.1.8 - 10 STEP 80.2.1 - 7	-2	0	0	1	0	3	2	
	VDE000398	Door Adjustment Gauge SK-07-11		STEP 90.14.4 - 17	STEP 90.14.4 - 27	-1	2	2	2	1	3	9	
	VDE000382	Door Height Gauge		X	×	3	3	3	4	3	3	19	
	WDE000392	Door Guide Thickness Gauge		×	×	2	3	2	2	3	3	15	
	VDE000394	1mm 3mm Door Go/No Go Gauge		×	×	3	3	3	3	3	3	18	
	VDE000401	Door Spindle Nut Tool		X	X	3	3	3	2	3	3	17	$\overline{}$

VDE0000533	CONSOLIDATE	ST						QT	Y REQUI	RED			
VDE000053		7K	→ 2K#	3K 🕌	6K	Ψ AL Ψ	G 🛖	k 🔟	S	٧Ψ	E 🕶	Tol Re ▼	Syste Floa
\(\text{VE000688}\) Throat Op- \(\text{VE000688}\) Guide Pin I \(\text{VE000685}\) Guide Pin I \(\text{VE000685}\) Coupler II \(\text{VE000685}\) Coupler II \(\text{VE000685}\) Coupler II \(\text{VE000685}\) Glass Tub- \(\text{VE000680}\) Amature (\(\text{VE000881}\) Amature (\(\text{VE000881}\) Amature (\(\text{VE000882}\) Threshold \(\text{VE000883}\) Diptick G \(\text{VE000893}\) Diptick G \(\text{VE000893}\) TK GorNo- \(\text{VE0006893}\) TK GorNo- \(\text{VE0006893}\) Threshold \(\text{VE0006893}\) Threshold \(\text{VE0006893}\) Door Adju \(\text{VE0000892}\) Door Guid \(\text{VE0000992}\) Door Guid \(\text{VE0000992}\) Door Guid \(\text{VE0000992}\) Door Guid \(\text{VE0000990}\) Door Spin \(\text{VE0000400}\) Door Spin \(\text{VE0000400}\) Door Spin \(\text{VE0000400}\) Door Joch \(\text{VE0000400}\) Door Offst	Coupler Hook Height/ wiath "Ivo-Go"	STEP 20.31.3	STEP 2	0.30.2	STEP 20,29,1	3	3	3	7	2	- 6	24	
\(\text{VDE000618}\) Throat Op\(\text{VDE000618}\) Quide Pin I\(\text{VDE000652}\) Quide Pin I\(\text{VDE000652}\) Coupler I\(\text{VDE000650}\) Coupler I\(\text{VDE000650}\) Glass Tub\(\text{VDE000650}\) Glass Tub\(\text{VDE000650}\) Glass Tub\(\text{VDE0006841}\) Armature (\text{VDE0006841}\) Armature (\text{VDE0006842}\) Albinoonia Line Conta VDE0006830 Dipstick GaVVDE0006830 Dipstick GaVVDE0006830 Dipstick GaVVDE0006840 Pire Adv VDE0006840 Threshold VDE0006404 Threshold VDE0006404 Threshold VDE0006405 Door Height VDE0006405 Door Guid VDE0006405 Door Guid VDE0006400 Door Spin VDE000400 Door Jack VDE000410 Door Jack VDE000410 Door Jack VDE000410 Door Guid VDE000401 Door Guid VDE000400 Door Idstick VDE000400 Door Idstick VDE000400 Door Idstick VDE000400 Door Idstick QUE000400 Door Idstick QUE	Throat Opening No-Go Gauge(Welded)	STEP 20.31.4			STEP 20.30.1 - 2	0	0	-2	3	0	3	4	
WDE000882	Throat Opening No-Go Gauge(Bolted)		STEP 20 STEP 20 STEP 20	0.31.2		2	3	1	2	1	3	12	
WDE000842	Guide Pin Go/No-Go Gauges	Add to Insp	STEP 2	0.32.2	STEP 20.31.1 - 2	0	0	0	4	0	3	7	
VDE000560 Glass Tub-	Coupler Hook Extension Tool	Add to Insp	STEP 20.2	29.4 - 10	STEP 20.28.4	- 1	0	0	3	0	3	7	
VDE000111	Handle for Electrical Couplers	STEP 30.11.3 - 6				3	3	3	3	3	3	18	
\(\text{VE000841}\) Armature (\text{VE000842}\) Armature (\text{Main Cont}\) Armature (Main Cont	Glass Tube	STEP 30.8.6	STEP 30.	13.5 - 6	STEP 30.14.8	-1	- 1	0	6	1	3	10	
\(\text{VE000841}\) Armature (\text{VE000842}\) Armature (\text{Main Cont}\) Armature (Main Cont	Coupler Pin Alignment Tool		STEP 3	0.16.8	STEP 30.17.8	0	0	-1	3	0	3	5	
#UE000942 H41832023 VDE000810 Line Conta VDE000818 Dipstick G VDM190173 596K Go/M VDM190173 596K Go/M VDM190140 Ereda Air E VDE000649 Threshold VDE000649 Threshold VDE000382 Door Aleig VDE000382 Door Heig VDE000400 Door Spin VDE000400 Door 1572 VDE000400 Door 1572 VDE000401 Door 1572 VDE000410 Door 1572 VDE000410 Door 1572 VDE000410 Door 1572 VDE000410 Door Love VDE000409 Goor Love	Armature Gap Gauge, Sécheron 4H3S2028	STEP 35.5.3 - 4 STEP 35.6.2 - 3				3	3	3	3	3	3	18	
VDE000838		STEP 35.5.4 - 6 STEP 35.6.4 - 5				3	3	3	3	3	3	18	
VDM19073	Line Contactor Special 0.8mm Gauge		STEP 3		STEP 35.5.15	0	0	0	2	0	3	5	
VDM180140 Breda Air t	Dipstick Gauge		STEP 60	.1.3 - 4	STEP 60.1.3 - 4	3	3	3	1	3	3	16	
\(\text{VDE000819}\) 7K Go/No-\(\text{VDE000819}\) 7K Go/No-\(\text{VDE000549}\) Threshold \(\text{VDE000649}\) Threshold \(\text{VDE000338}\) Door Adju \(\text{VDE000338}\) Door Guid \(\text{VDE000332}\) Door Guid \(\text{VDE000332}\) Door Guid \(\text{VDE000332}\) Door Guid \(\text{VDE000049}\) Door Spin \(\text{VDE000490}\) Door Spin \(\text{VDE000490}\) Door 15mm \(\text{VDE000490}\) Door 15mm \(\text{VDE000490}\) Door 15mm \(\text{VDE000490}\) Door 15mm \(\text{VDE000491}\) Door 07 sek \(\text{VDE000491}\) Door 07 sek \(\text{VDE000499}\) Door 07 fsm \(\text{VDE000499}\) Door 07 fs	5/6K Go/No-Go Gauge, Air Spring Height				STEP 80.1.6	-4	-3	-3	0	-3	0	-13	
\(\text{VDE000549}\) Threshold \(\text{VDE000640}\) Threshold \(\text{VDE000382}\) Door Alqig \(\text{VDE000382}\) Door Guid \(\text{VDE000382}\) Door Guid \(\text{VDE000382}\) Door Guid \(\text{VDE000384}\) Imm 3mm \(\text{VDE000491}\) Door Spin \(\text{VDE000491}\) Door 17mm \(\text{VDE0004991}\) Door 17mm \(VDE00049	Breda Air Bag Go/No-Go Gauge		STEP 8	0.2.1		-2	- 1	1	0	1	3	4	
\(\text{VEE000640}\) Threshold \(\text{VEE000640}\) Door Adju \(\text{VEE000392}\) Door Hadju \(\text{VEE000392}\) Door Guid \(\text{VEE000392}\) Door Guid \(\text{VEE0000392}\) Door Guid \(\text{VEE0000401}\) Door Spin \(\text{VEE0000401}\) Door 15mn \(\text{VEE0000406}\) Door 15mn \(\text{VEE0000406}\) Door 15mn \(\text{VEE0000406}\) Door 15mn \(\text{VEE0000400}\) Door 10mn \(\text{VEE0000401}\) Door Or Jack \(\text{VEE0000400}\) Door 10mn \(\text{VEE0004000}\)	7K Go/No-Go Gauge, Air Spring Height	STEP 80.1.6 - 11				3	3	3	3	3	3	18	
\(\text{VDE000398}\) \(\text{Doc00398}\) \(\text{Doc00398}\) \(\text{Doc00398}\) \(\text{Doc00392}\) \(\text{Doc00392}\) \(\text{Doc00392}\) \(\text{Doc00392}\) \(\text{Doc00393}\) \(\text{Doc00400}\) \(\text{Doc004000}\) \(\text{Doc004000}\) \(\text{Doc004000}\) \(\text{Doc004000}\) \(\text{Doc004000}\) \(Doc0040000000000000000000000000000000000	Threshold Height T-Square Gauge	STEP 80.1.8 - 10	STEP 6	80.1.1	STEP 80.1.8 - 10 STEP 80.2.1 - 7	1	0	0	0	1	3	5	
WDE000382	Threshold Height Reference Bar	STEP 80.1.8 - 10	STEP 8		STEP 80.1.8 - 10 STEP 80.2.1 - 7	-2	0	0	1	0	3	2	
WDE000382	Door Adjustment Gauge SK-07-11		STEP 90.		STEP 90.14.4 - 27		2	2	2	1	3	9	
VDE000394	Door Height Gauge		×		×	3	3	3	4	3	3	19	
\(\text{VIE000401}\) Door Spin \(\text{VIE000400}\) Door Spin \(\text{VIE000400}\) Door Insm \(\text{VIE000400}\) Door Insm \(\text{VIE000400}\) Door Insm \(\text{VIE000400}\) Door Insm \(\text{VIE000400}\) Door Oor Cam \(\text{VIE000410}\) Door Oor Cam \(\text{VIE000400}\) Door Iow \(\text{VIE0004000}\) Door Low \(\text{VIE0004000}\) Door Low \(\text{VIE0004000}\) Door Low \(\text{VIE0000400}\) Door Low \(\text{VIE00004000}\) Door Low \(\text{VIE000040000400}\) Door Low \(VIE00004000400004000040000000400004000400	Door Guide Thickness Gauge		×		X	2	3	2	2	3	3	15	
VDE000403	1mm 3mm Door Go/No Go Gauge		×		X	3	3	3	3	3	3	18	
\(\text{VDE000408}\) \(\text{DE000409}\) \(\text{DE000404}\) \(\text{Deor 15mn}\) \(\text{VDE000405}\) \(\text{Deor 17.2n}\) \(\text{VDE000405}\) \(\text{Deor 17.2n}\) \(\text{VDE000410}\) \(\text{Deor Deor Cam}\) \(\text{VDE000408}\) \(\text{Deor Deor 10ms}\) \(\text{VDE000408}\) \(\text{Deor 10ms}\) \(\text{Anti Fattle VDE000818}\) \(\text{Anti Fattle VDE000818}\) \(\text{Gauge}\)	Door Spindle Nut Tool		X		X	3	3	3	2	3	3	17	
\(\text{VDE000404}\) \(\text{Door 15mn}\) \(\text{VDE000405}\) \(\text{Door 17.7a}\) \(\text{VDE000410}\) \(\text{Door Jack}\) \(\text{VDE000411}\) \(\text{Door Joor Jack}\) \(\text{VDE000411}\) \(\text{Door Corrections}\) \(\text{VDE000408}\) \(\text{Door Lowe}\) \(\text{VDE000408}\) \(\text{Door Lowe}\) \(\text{Anti Fattle Gauge}\) \(\text{VDE000818}\) \(\text{Gauge}\)	Door 17mm Spanner Wrench		Ac		Adj	3	3	3	2	3	3	17	
\(\text{VDE000405}\) Door 17.2n \(\text{VDE000410}\) Door Jack \(\text{VDE000411}\) Door Cam \(\text{VDE000408}\) Door Love \(\text{VDE000409}\) Door Love \(\text{VDE000409}\) \(\text{VDE000408}\) Anti Rattle \(\text{Gauce}\)	Bulkhead Door Pivot Wrench		Ac		Adj	3	3	3	2	3	3	17	
\(\text{VDE000410}\) Door Jack \(\text{VDE000411}\) Door Cam \(\text{VDE000408}\) Door Offst \(\text{VDE000409}\) Door Love \(\text{Anti Rattle Gauge}\)	Door 15mm Spanner Wrench		Ad		Adj	3	3	3	2	3	3	17	
\(\text{VDE000411}\) \(\text{Door Cam}\) \(\text{VDE000408}\) \(\text{Door Offse}\) \(\text{VDE000409}\) \(\text{Door Lowe}\) \(\text{VDE000818}\) \(\text{Anti Rattle Gauge}\)	Door 17.2mm Angled Wrench		Ad		Adj	3	3	3	2	3	3	17	
WDE000408 Door Offs: WDE000409 Door Lowe WDE000818 Anti Rattle Gauge			Ac		Adj	3	3	3	2	3	3	17	
VDE000409 Door Love VDE000818 Anti Rattle Gauge	Door Cam Stud Wrench		Ac		Adj	3	3	3	2	3	3	17	
WDE000818 Anti Rattle Gauge	Door Offset Spanner Wrench		Ac		Adj	3	3	3	4	3	3	19	
WIDE000818 Gauge	Door Lower Bump Stop Wrench		Ac		Adj	3	3	3	2	3	3	17	
	Anti Rattle Block Gauge / Door Height	STEP 90.2.2 STEP 90.4.1				3	3	3	2	3	3	17	
"DE000011 14036 Seal	Nose Seal Gauge	STEP 90.7.2				3	3	3	1	3	3	16	
WDE000752 Push/Pull	Push/Pull Force Gauge Adapter	STEP 90.16.3 - 5	STEP 90. STEP 90 STEP 90	.18.1 - 3	STEP 90.17.3 - 9 STEP 90.18.1 - 3 STEP 90.19.2 - 4	3	3	3	3	3	6	21	
VDE000388 3/8" Flat P	3/8" Flat Plate Obstruction	STEP 90.13.3 - 9			STEP 90.23.2 - 6	5	4	3	2	3	6	23	
	Pin Gauge Set		STEP 9	0.2.4	STEP 90.2.4	N/A	N/A	N/A	N/A	N/A	N/A		

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Washington Metrorail Safety Commission

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 08/03/2020
Inspector in Charge – Name	Inspection Team	·
Manuel Lopez	Manuel Lopez	

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