Metro Trains Melbourne, Version 6.1, February 2024												
	Electrical Networks Roles		n.	T								
		Lineworker 1	Line worker 2	Overhead Safety Observer	Substation Electrician	SCA DA Technician	Substation Tester	Excernation Applicant (NAE)	Electrical/Substation OEM	Permitto Work Recipient	Earthing & Bonding	Cable Joints & Terminations
	Medical Assessment Requirements Category 1 Health Assessment	м	м		м	м	м			м	м	м
	Category 3 Health Assessment			м					м			
	Qualifications				M (1)		M (1)				M (1)	M (1)
	Certificate III in Electrotechnology Electrician Certificate III ESI - Power Systems - Rail Traction	M (1)					W (1)				M (1)	
	Certificate III in ESI – Rail Traction - Powerline Certificate III in ESI – Power Systems - Distribution Overhead	M (1) M (1)									M (1)	
	Certificate IV in ESI - Power Systems Substations				M (1)	M (1)	M (1)				M (1)	-
	Certificate III in ESI - Distribution Underground Certificate IV in Industrial Electronics and Control					M (1)					M (1)	M (1)
	Advanced Diploma of ESI - Power Systems					M (1)					M (1)	
Frequency	Advanced Diploma of Industrial Data Communication, Networking and IT Licences / Registration			1		M (1)						
5 Year	ESV line Worker Likense	м										
5 Year 5 Year	ESV Line Worker License - Rail (S) ESV Line Worker License - Cable Jointing		M (7)	<u> </u>								M (8)
3 Year	ESV Line Worker License - Cable Jointing ESV Spotters Registration			м								
5 Year 5 Year	Electricians Licence Licence to perform dogging			M (1)	м	м	м					M (8)
5 Year	Licence to perform rigging			M (1)								
Frequency	Additional Training Requirements			1								
1 Year 1 Year	Provide Cardiopulmonary Resuscitation Perform Rescue from a Live LV panel	M	M	м	M	M	M			м	м	м
1 Year	Provide First Aid in ESI Environment	м	м	м	м	м	м				м	м
3 Year 1 Year	Provide First Aid Perform EWP Controlled Descent Escape	M M (4)	M M (4)	м	м	м	м			м	м	м
1 Year	Perform EWP Rescue		M (4)									
1 Year 3 Year	Perform Pole Top Rescue MTM Overhead Safety Observer Training	M (4)	M (4)	м								
3 Year	MTM Permit to Work Course									м		
2 Year 2 Year	Certificate of Currency - Track Force Protection Coordinator - Level 3.2 Certificate of Currency - Track Force Protection Coordinator - Level 3.3									M (1) M (1)		
3 Year	Workplace Spotting for Service Assets			м				м				
	MTM Notification and Approval for Excavation (NAE) Applicant Licence/Certificate to maintain/service manufacturers equipment							м	M (3)			
3 Year	Record of relevant experience - Earthing & Bonding										м	
3 Year	Record of relevant experience - Cable Joins & Terminations National / Network Job Roles that must be added to a RIW Cardholders Profile											M
	EWP >11m (National)	M (4)	M (4)									
	MTM.Authorised Person - Substation Entry (EE) (5) MTM.Authorised Electrical Tester (ET) (5)				#		м					
	MTM - Track Force Protection Coordinator - Level 3.2									M (2)		
	MTM - Track Force Protection Coordinator - Level 3.3 Around The Track Person National (Construction and Maintenance) - National	м	м	м	м	м	м		м	M (2) M	м	м
	MTM - Operator	М	м	м	м	м	м		М	м	м	м
5. Whilst other IV Authorisations exits, Substation Entry is 6. RIW Cardholster wishing to apply for Access Authorities 7. Competency is for NTIM employees only. 8. Ether license. Refer to Page 2 for Authorisation Job Role Requirements	Cardholder's profile when performing PTW Recipient tasks. vice relevant manufacturers equipment. company Mr Automotions on those party is permitted to bold on their RIM profile. Other Mr Authorisations in the RIM System will only be valid if the RIW Cardholder is an MTM Employee. must also hold MTM - Operator and Around The Track Person (Construction & Maintenance) - National.											
	re which role applied to you, please seek clarification from the operator with whom you propose to work as to what role is required for your intended duties. It is the individual's responsi Definition	ality to	ensure t	hat the a	ppropria	ite role is	i neld be	tore wor	rk is carr	ied out.	_	
Job Role												
Lineworker 1	A Lineworker 1 is an Electrical lineworker who's work carries out the following works on the traction supply network: the installation, maintenance, modification, stringing, tensioning, ter catenary wires and conductor support wires; and the installation, maintenance, modification, securing, connection and disconnection of associated electrical traction equipment.	minatin	g, securi	ng, conn	ection ar	nd discon	nection	of overh	ead ele	trical con	ductors,	
	A Lineworker 2 or overhead trade assistants have been working in the railway operations for many years under the supervision of fully qualified traction lineworker. The work undertakes	by Line	worker	2's includ	des some	tasks th	at now r	equire a	linewor	ker licenci	e, howeve	r they
Lineworker 2	do not generally hold the qualifications and experience required to obtain a Lineworker License.											-
Substation Electrician	A Substation Electrician will undertake corrective, preventative maintenance and renewals activities of electrical network assets, in accordance with relevant standards when working on t	he tract	ion subs	tations a	ind subst	tation net	twork in	frastruct	ure.			
SCADA Technician	To assist the Senior Control and Indication Officer in the maintenance (routine and reactive), renewals and additions required on the Train Supervisory Control and Data Acquisition (SCAE	A) Syste	em to me	et the re	equireme	ents of th	e Electri	cal Netw	ork Ass	et Manage	ment Pla	1.
Excavation Applicant (NAE)	All persons submitting Notification for Excavation Applications are required to have completed the MTM NAE Application Training course. The MTM NAE training course is available in an	online fo	ormat.									
Overhead Safety Observer	An Overhead Safety Observer performs Overhead Safety Observing within the MTM rail network. The position also exists to undertake the duty of observing and warning against unsale .			trical HV	aerial ap	oparatus.						
Electrical/Substation OEM	Individuals who provide support generally to complete fault finding/maintain equipment as the Original Equipment Manufacturer.											
Substation Tester	A Substation tester is responsible for routine maintenance, fault investigations, commissioning and acceptance testing of all equipment associated with traction substations, tie-stations, it	dustria	l substat	ions and	signal pi	ower syst	tems.					
Permit to Work Recipient	For Metro Trains Melbourne employees, Alliance Partners, and Contractors who are required to work under the Permit to Work Near (PTWN) Conditions as set out by the MTM procedure							format th	hrough 1	l homson l	Bridge.	
Earthing & Bonding	For Metro Trains Melbourne employees, Alliance Partners, and Contractors who are required to perform Earthing & Bonding works on MTM netowrk.											
Cable Joints & Terminations	For Metro Trains Melbourne employees, Alliance Partners, and Contractors who are required to perform Cable Joints and Termination works on MTM network.											

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Frequency	RIW Competency Requirements	1 ž	Ż	Z	2	21.3	el S	1 2	2	21 3	21 2	L ž	i ž	-21	21 2	ÿ
1 Year	Provide cardiopulmonary resuscitation		M	м	м	M M	M	M	м	M M	M	M	M	MN	A M	M
3 Year 1 Year	Provide First Ald Perform Rescue from a Live LV Panel		м		м	M M	м	M	M	M M	M	M	M	M	ИМ	м
1 Year	Provide first aid in an ESI environment Certificate of Completion.MTM Authorised Applicant	м			м	мм	м	м	м	M M	м	м	\vdash		+	
3 Year	Certificate of Authorisation.MTM.Instructed Person - Substation		M (1)	M (1)										_	_	
3 Year	Certificate of Authorisation.MTM.Substation Entry - EE Authorisation MTM - Authorised Electrical Recipient - in Training				м											
3 Year	Certificate of Authorisation.MTM.Electrical Recipient - ER Authorisation Certificate of Completion.MTM.Electrical Operator - EO in Training				N	1 (1) M						L				_
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	Certificate of Completion.MTM.Overhead Recipient - OR in Training								M	6 (1)						
3 Year	Certificate of Authorisation.MTM.Overhead Recipient - CR Authorisation Certificate of Completion.MTM.Live HV Worker - OL in Training								~	• (1) M						
3 Year 3 Year	Certificate of Completion.MTM. Live HV Worker - OL Authorisation Certificate of Authorisation.MTM. Overhead Operator - OO Authorisation										м	M (1)				
	Certificate of Completion.MTM.Signals Recipient - SR in Training												м	M (1)		
3 Year	Certificate of Authorisation.MTM.Signals Recipient - SR Authorisation Certificate of Completion.MTM.Signals Operator - SO in Training													h (1)	4	
3 Year 3 Year	Certificate of Authorisation.MTM Signals Operator - SO Authorisation Certificate of Authorisation.MTM Signals Tester - ST Authorisation														M (1)	M (1)
	National / Network Job Roles that must be added to a RIW Cardholders Profile															
															4	
	MTM - Operator Around The Track Person National (Construction and Maintenance) - National	M	M	M	M	M M	M	M	M	M M	M	M	M	M N	4 M	M
	MMI-dopental MMI-dopental MMI-transferse Interesting (construction and Maintenance). Inclineal MMI-transferse Interesting Construction and Maintenance). Inclineal MMI-transferse Interesting Construction. URL 31	M	M	M	M	M M M M	M	1	M (2) N	M M M (2) M (2 A (2) M (2	 M (2) 	M (2)	M	M N	4 M 4 M	M
	MTM - Track Force Protection Coordinator - Level 3.2	M	M	M	M	M M M M	M	1	M (2) N	1(2) M(3	 M (2) 	M (2)	M	M N	4 M 4 M	M
Legend My. Modistory	MTM - Track Force Protection Coordinator - Level 3.2	M	M	M	M	M M	M	1	M (2) N	1(2) M(3	 M (2) 	M (2)	M	M N	A M A M	M
Legendi Mi Mandatory • Only MITM employees can hold these lob roles	MTM - Track Force Protection Coordinator - Level 3.2	M	M	M	M	M M M M	M	1	M (2) N	1(2) M(3	 M (2) 	M (2)	M	M N	A M	M
 Only MTM employees can hold these job roles 	MMM-TrackFerer Protection Coordinator - Level 3.3 MMM-TrackFerer Protection Coordinator - Level 3.3	M	M	M	M	M M M	M	1	M (2) N	1(2) M(3	 M (2) 	M (2)	M	M N	A M	M
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