RAIL INDUSTRY WORKER* National Signalling – Design & Test Matrix October 2025 V2		National Roles/Functions								
		Signalling Assistant Designer - National	Signalling Designer - National	Signalling Principles Designer - National	Signalling Assistant Tester - National	Signalling Verification Tester - National	Signalling Function Tester - National	Signalling Principles Tester - National	Signalling Tester in Charge - National	Signalling Assessor - National
Requirements	National Requirements								1	
Medical	Railway Medical Categories (1 or 2 or 3)	#	#	#	#	#	#	#	#	
Access	Safely Access the Rail Corridor – TLIF2080/TLIF0020	#	#	#	#	#	#	#	#	
	Work Safely in the Construction Industry – CPCCOHS1001	#	#	#	#	#	#	#	#	
Qualifications	Master of Signalling and Telecommunications	1M	1M	1M	1M	1M	1M	1M	1M	
	Master/Bachelor of Engineering (Electrical)	1M	1M	1M	1M	1M	1M	1M	1M	
	Master/Bachelor of Engineering (Information Technology)	1M	1M	1M	1M	1M	1M	1M	1M	
	Master/Bachelor of Engineering (Mechanical)	1M	1M	1M	1M	1M	1M	1M	1M	
	Master/Bachelor of Engineering (Mechatronics)	1M	1M	1M	1M	1M	1M	1M	1M	
	Master/Bachelor of Engineering (Science)	1M	1M	1M	1M	1M	1M	1M	1M	
	Master/Bachelor of Engineering (Telecommunications)	1M	1M	1M	1M	1M	1M	1M	1M	
	Master/Bachelor of Technology	1M	1M	1M	1M	1M	1M	1M	1M	
	Graduate Diploma of Signalling and Telecommunications (See Note 1)	1M	1M	1M	1M	1M	1M	1M	1M	
	Graduate Certificate in Signalling and Telecommunications (See Note 1)	1M	1M	1M	1M	1M	1M	1M	1M	
	Graduate Diploma of Railway Signalling (See Note 1)	1M	1M	1M	1M	1M	1M	1M	1M	
	Graduate Certificate in Railway Signalling (See Note 1)	1M	1M	1M	1M	1M	1M	1M	1M	
	10780NAT – Graduate Diploma in Rail Signalling	1M	1M	1M	1M	1M	1M	1M	1M	
	22593VIC – Graduate Diploma of Railway Signalling	1M	1M	1M	1M	1M	1M	1M	1M	
	22596VIC – Graduate Certificate in Railway Signalling	1M	1M	1M	1M	1M	1M	1M	1M	
	UEE62220 – Advanced Diploma of Electrical – Engineering	1M	1M	1M	1M	1M	1M	1M	1M	
	52726WA – Advanced Diploma of Applied Electrical Engineering	1M	1M	1M	1M	1M	1M	1M	1M	
	UEE63020 – Advanced Diploma of Electrical Systems Engineering	1M	1M	1M	1M	1M	1M	1M	1M	
	UET60222 – Advanced Diploma of ESI – Power Systems	1M	1M	1M	1M	1M	1M	1M	1M	
	UEE62111 – Advanced Diploma of Engineering Technology – Electrical 90206	1M	1M	1M	1M	1M	1M	1M	1M	
	UEE50420 – Diploma of Electrical Engineering	1M	1M	1M	1M	1M	1M	1M	1M	
	UEE53020 – Diploma of Electrical Systems Engineering	1M	1M	1M	1M	1M	1M	1M	1M	
	UET50221 – Diploma of ESI - Power Systems	1M	1M	1M	1M	1M	1M	1M	1M	
	Cert IV in Relevant Field (See Note 2)	1M	1M	1M	1M	1M	1M	1M	1M	
	UEE41223 – Cert IV in Electrical – Rail Signalling	1M	1M	1M	1M	1M	1M	1M	1M	
	Non-Washington Accord Degrees (See Note 3)	1M			1M					
	Formal training evidence (See Note 4)	1M			1M					

			National Roles/Functions									
RAIL INDUSTRY WORKER* National Signalling – Design & Test Matrix October 2025 V2		Signalling Assistant Designer	Signalling Designer	Signalling Principles Designer	Signalling Assistant Tester	Signalling Verification Tester	Signalling Function Tester	Signalling Principles Tester	Signalling Tester in Charge	Signalling Assessor		
Requirements	National Requirements											
IRSE (See Note 7)	Signalling Assistant Designer	1M										
	Signalling Designer		1M									
	Signalling Design Verifier		1M									
	Signalling Principles Designer			1M								
	Signalling Test Assistant				1M							
	Signalling Verification Tester					1M						
	Signalling Function Tester						1M					
	Signalling Principles Tester							1M				
	Signalling Tester in Charge								1M			
	IRSE Exams (See Note 5)		1M	1M				1M				
	MIRSE or FIRSE (See Note 6)		1M	1M		1M	1M	1M	1M			
Unit of Competency	TAEASS412 – Assess Competence									М		
Statement of Competence	Signalling Designer		М									
	Signalling Principles Designer			М								
	Signalling Verification Tester					М				_		
	Signalling Function Tester		_				М			_		
	Signalling Principles Tester							М				
	Signalling Tester in Charge								М			
Logbook	Logbook		М	М		М	М	М	М			

Notes.

- (1) Graduate Diploma and Graduate Certificate courses registered in the Higher Education Sector do not have a course code like their equivalent qualification registered in the VET Sector. These Higher Education Qualifications are managed via the Tertiary Qualification Business Rule used for Bachelor and Master Degrees.
- (2) The following are acceptable equivalents: 21730VIC Cert IV in Rail and Tram Signal Systems, UTE40499 Cert IV in Electro Technology Computer Systems (Spec in Control) and PTC Signal Maintenance Technician Course (Certificate).
- (3) This allows overseas workers to commence their skills development with a Non-Washington Accord Degree.
- (4) This role now supports RSW's who have commenced formal AQF training but are yet to complete it. RSW's wishing to comply with any of these Assistant Roles shall upload evidence from the Registered Training Organisation where they are enrolled that demonstrates formal training has commenced. Refer to National Business Rules for evidence that satisfies this note.¹
- (5) Evidence the RIW Cardholder has completed IRSE Exams (All Modules).
- (6) MIRSE and FIRSE process involves a process of validating both, qualifications and experience refer https://www.irse.org/Membership/Membership-Options.
- (7) Refer to IRSE website for a list of Assessing Agencies and a list of licence categories they offer https://www.irse.org/Licensing/Assessing-Agencies
- M = Mandatory
- 1M = At least one of the items is mandatory
- # A Network Operator role (including a medical) will be required if entering the rail corridor