

Engineering and Design, Version 5, 1 Nov 2017

National Unit Of Competency (Unit code and descriptor) and other Essential Education, Training and Evidence Requirements	Electrical Networks				Structures				Track & Civil				Building Services				Architectural				Rolling Stock (3)																			
																					Over Head Wire & 22kV Transmission				Substation & Power				Mechanical				Electrical				Communications			
	Designer	Checker	Independent Reviewer	Approver	Designer	Checker	Independent Reviewer	Approver	Designer	Checker	Independent Reviewer	Approver	Designer	Checker	Independent Reviewer	Approver	Designer	Checker	Independent Reviewer	Approver	Designer	Checker	Independent Reviewer	Approver	Designer	Checker	Independent Reviewer	Approver	Designer	Checker	Independent Reviewer	Approver	Designer	Checker	Independent Reviewer	Approver				
CPEng or Equivalent			X				X				X				X				X				X				X				X				X				X	
Tertiary Qualification - Masters or Bachelor Degree (6)	X(1)	X	X	X(1)	X(1)	X	X	X(1)	X	X(1)	X	X	X(1)	X(1)	X	X	X(1)	X(1)	X	X	X				X(1)	X(1)	X	X	X(1)	X(1)	X	X	X(1)	X(1)	X	X				
Tertiary Qualification - Technologist or Associate (Diploma or Certificate IV)											X(1)	X(1)							X(1)	X(1)							X(1)	X(1)							X(1)	X(1)				
Current CV / Resume	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Record of Relevant Experience	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
MTM SME Approval (10)			-				-				-				-				-				-				-				-				-					
Assessed SOC for Role	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
Recommended Relevant Experience(5)																																								
2 YEARS	X				X				X				X				X				X				X				X				X							
3 YEARS											X(7)				X(7)																									
5 YEARS																																								
7 YEARS		X				X				X				X				X				X				X				X				X						
10 YEARS			X	X			X	X			X	X			X	X			X	X			X	X			X	X			X	X			X	X				

X Mandatory
 ~ Conditional - based on the type of work being undertaken

General Requirements.

1. Either qualification is acceptable.
2. Any RSW on this matrix entering or working within Metro's rail corridor will need to select the Around The Track Personnel & MTM Operator role and be compliant with these competency requirements before entering the corridor.
3. Rolling Stock civil trades/technicians are captured by the ARA National Civil Trades matrix.
4. For architects this means you must be a Registered Architect (A.R.B.V).
5. Recommended relevant years of experience. A reduced level may be accepted (or increased level requested) based on demonstration of ability to perform specific role listed on Statement of Competence.
6. Substation, Essential Services and Electrical Networks requires a Bachelor of Engineering Electrical or Electronic. Masters must be in Electrical or Electronic Engineering.
7. Applies to Technologist or Associate category.
8. Endorsement and Approval Authority sits with Chief Engineer.
9. Registration as a Victorian Registered Building Practitioner.
10. Please refer to L4-SQE-FOR-138 Record of Relevant Experience for SME registration details.