

ARTC Operational Technologist Matrix

Version 3.1



Rail Industry Worker Role

Current National Unit of Competency	Recertification	Technical Specialist Communication	Wayside Device Technician	Control System Technician/Technical Officer	Control Systems Engineer
		(Note 1)	(Note 1)	(Note 2 & 3)	(Note 2 & 3)
TLIF0020 Safely access the rail corridor or equivalent		x	x	x	x
CPCWHS1001 Work safely in the construction industry or equivalent		x	x	x	x
ACMA Cable registration Open	3 years	x	x		
ACMA Cable registration Structured (Cat 5/Cat 6)	3 years	x	x		
One of the Qualifications below <ul style="list-style-type: none"> • Certificate III in Electrotechnology Electrician or equivalent • Certificate III in Telecommunications or equivalent • Certificate III in Electrical Engineering or equivalent • Certificate IV in Telecommunications Engineering Technology or equivalent • Certificate III in Information Technology or equivalent • Bachelor's in information technology 			x		
One of the Qualifications below <ul style="list-style-type: none"> • Certificate III in Telecommunications or equivalent • Certificate III in Electrical Engineering or equivalent • Certificate IV in Telecommunications Engineering Technology or equivalent • Certificate III in Information Technology or equivalent • Bachelor's in information technology 		x			
One of the Qualifications below <ul style="list-style-type: none"> • Bachelor of Engineering Degree (Electrical, Electronics and Communication, Mechatronics, Software, Computer Systems, Communications) • Graduate Diploma of Railway Signalling or equivalent • Certificate IV in Rail Signalling or equivalent • Certificate IV in Information Technology or equivalent • Certificate IV in Electrical or equivalent • Certificate IV in Electronics and Communications or equivalent 				x	x
ARTC Signals Standard Induction (eLearning) (Note 2)				x	x
ST144 ARTC Signal Safeworking – Control Systems	4 years			x	x
Approved Statement of Competency (SOC) for Role	4 years			x	x

Notes:

1. ACMA Additional endorsement may be applicable depending on the role
2. ARTC E-learning is available on [ARTC's Learning Management System](#)
3. Control Technician/Technical Officer and Control System Engineer roles have specific additional technical requirements in the Statement of Competency (SOC). Refer to the specific [SOC](#) for details