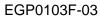
ARTC Engineering and Design Matrix



ARTC

Rail Industry Worker Role

All roles in this matrix have four-year reassessment

	Structures Design (Notes 1,2)			Track Design (Note 1,2)			[technical Design		Civil Design			Mechanical Design			Electrical Design			ICT Design			tem/S nginee	afety	Infrastructure Construction /Maintenance Design							CER (ARTC Employees only)		ICP (Track Maintenanc Vehicles)		ce		
							(Note 1,2)			(Note 1,2 &5)				(Note 1,2)			(Note 1,2)			(Note 1,2)			(Note 1,2)			(Note 1,2)					1	(Note 1,2 &6)		(Note 1,2,4 & 8)			
Current Requirements	Designer	Design Verifier/ Approver (Note 7)	Scoping/Acceptance of Design (ARTC Employees only)	Jesigner	Design Verifier/ Approver (Note 7)	Scoping/Acceptance of Design (ARTC Employees only)	Designer	Design Verifier/ Approver (Note 7)	Scoping/Acceptance of Design (ARTC Employees only)	Designer	Design Verifier/ Approver (Note 7)	Scoping/Acceptance of Design (ARTC Employees only)	Designer	Design Verifier/ Approver (Note 7)	Scoping/Acceptance of Design (ARTC Employees only)	Designer	Design Verifier/ Approver(Note 7)	Scoping/Acceptance of Design (ARTC Employees only)		Design Verifier/Approver (Note 7)	Scoping/Acceptance of Design (ARTC Employees only)	Designer	Design Verifier/Approver (Note 7)	Scoping/Acceptance of Design (ARTC Employees only)	Supervision of Major Construction	Aajor Construction Verification - Path 1	Aajor Construction Verification - Path 2	Supervision of Medium Construction	Medium Construction Verification - Path 1 (Note 3)	Medium Construction Verification - Path 2 (Note 3)	Supervision of Minor Construction/Maintenance	Minor Construction/Maintenance Verification (Note 3)	Civil Engineering Representative (CER) Path 1	Civil Engineering Representative CER) Path 2	ndependent Competent Person (ICP) Path 1	ndependent Competent Person (ICP) Path 2(Note 7)	ndependent Competent Person (ICP) Path 3
CPEng/NER/RPEQ/RPEV	Ω	<u>×</u>	Ň		<u>×</u>	Ŋ	D	<u>~</u>	Ň	٥	<u>×</u>	Ň		x	Ň		<u>×</u>	, v	Ω	<u>×</u>	Ň		<u>×</u>	, v	Ō	Σ	Σ	<u>ν</u>	Σ	Σ	σ	Σ	O	O	드	<u>=</u>	드
Tertiary Qualification - Engineering Bachelor Degree			×			×			×			×			×			×			×			×									×		×		
Tertiary Qualification - Engineering Bachelor Degree/Technologist/Associate	×			×			×			×			×			*			×			×				×			×								*
Drawing Management System ARTC eLearning	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	*
Current CV	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	*	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Record of Relevant Experience (RORE)	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
2 YEARS	×			×			×			×			×			×			×			×				×			×		×	×					
5 YEARS			×			×			×			×			×			×			×			×									×				
7 YEARS		×			×			×			×			×			×			×			×		×			×		×						×	
10 YEARS																											×								×		
15 YEARS																																		×			×

Notes:

- 1. Record of Relevant Experience (RORE) form is available on the ARTC Website
- 2. E-learning is available on ARTC's Learning Management System
- 3. This role/competence can be accepted by completing a higher role. For example, a Major verification role would be acceptable for Medium and Minor, and Medium would be acceptable for Medium and Minor verification role

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- 4. Qualifications to be related to vehicles or mechanical engineering
- 5. Hydraulic, Hydrological and Environmental engineering roles to be included in this discipline for Rail Safety Workers
- 6. ARTC Employees only; To attain these roles request a copy of the completed competency assessment document from standards@artc.com.au
- 7. Expiry periods for the Engineering Qualifications CPENG/NER/RPEQ/RPEV are determined by the issuer
- 8. Applicants for the ICP-TMV role must initially also complete EPP3201F-04 Assessment of Track Maintenance Vehicle Independent Competent Person

For further information refer to ARTC Standard <u>EGP-01-03</u>