




<div>Aurizon</div> <div>Aurizon Network (Qld) Track and Civil Matrix Construct and Maintain Track</div>		Recertification/ Certificate of Currency	Aurizon Network (Qld) - Fence Installer and Maintainer	Aurizon Network (Qld) - Rail welder - Aluminothermic	Aurizon Network (Qld) - Rail welder - Electric	Aurizon Network (Qld) - Responsible Rail Stress Worker	Aurizon Network (Qld) - Temporary Traction Bonding - Non-Electrical	Aurizon Network (Qld) - Ultrasonic Tester Track	Aurizon Network (Qld) - Ultrasonic Tester Turnouts
Notes			N/A	1	2	3	4	5	6
TLI Certificate II - Rail Infrastructure									
Maintain and use hand tools		M	Refer to National RIW Track and Civil Matrix	Refer to National RIW Track and Civil Matrix			Refer to National RIW Track and Civil Matrix	Refer to National RIW Track and Civil Matrix	Refer to National RIW Track and Civil Matrix
Shift materials safely using manual handling methods		M							
Participate in basic workplace communications		M							
Follow occupational health and safety procedures		M							
Apply fatigue management strategies		M							
Apply track fundamentals									
Apply environmental procedures to rail infrastructure		M							
Carry out rail installation									
Install and repair rail fastening systems									
TLI Certificate III - Rail Infrastructure									
Adjust rail					M				
Grind rails									
Heat and cut materials using oxy-LPG equipment for the rail industry									
Weld rail using aluminothermic welding process									
Apply electric welding process to rail									
Test rail using ultrasonic equipment	Every 3 years								
Test rail using non-destructive testing equipment	Every 3 years								
Other									
Aurizon Network Responsible Rail Stress Worker training	Every 3 years				M				
TLIS2035 - Install and repair fences and gates		M							
Applicable Aurizon Network VoC	Every 3 years		M	M					
Aurizon Network (Qld) Temporary Traction Bonding - Non-Electrical Worker	Every 3 years					M			
Notes: M = Mandatory The information contained in this matrix is a guide and for reference only, it is not an exclusive list. This could be subject to change by the Rail Transport Operator.									
1) Contractor prerequisite for the Rail Welder Aluminothermic role is the National RIW Rail Welder Aluminothermic role. Evidence of Aurizon Network Aluminothermic Welding VoC to be uploaded every 3 years. VoC is delivered by Aurizon.									
2) Contractor prerequisite for the Rail Welder Electric role is the National RIW Rail Welder Electric role. Evidence of Aurizon Network Electric Welding VoC to be uploaded every 3 years. VoC is delivered by Aurizon.									
3) Contractor prerequisite for the Responsible Rail Stress Worker role is the National RIW Rail Adjuster role, and attendance of the Aurizon Network Responsible Rail Stress Worker training where competence requires to be attained. Evidence of VoC to be uploaded every 3 years. Initial training and VoC is delivered by Aurizon.									
4) Contractor prerequisite for the Temporary Traction Bonding - Non-Electrical role is the National RIW Rail Labourer role, and attendance of the Aurizon Network Temporary Traction Bonding - Non-Electrical training where competence requires to be attained. Evidence of VoC to be uploaded every 3 years. Initial training and VoC is delivered by Aurizon.									
5) Contractor prerequisite for the Ultrasonic Tester Track role is the National RIW Ultrasonic Tester Track role. AINDT Level I and II Assessment, must conform to AS-ISO-9712 – 2021 Non-Destructive Testing – Qualification and Certification of NDT Personnel, is accepted instead of TLIS3010 and TLIS3011 units									
6) Contractor prerequisite for the Ultrasonic Tester Turnout role is the National RIW Ultrasonic Tester Turnout role. AINDT Level I and II Assessment, must conform to AS-ISO-9712 – 2021 Non-Destructive Testing – Qualification and Certification of NDT Personnel, is accepted instead of TLIS3010 and TLIS3011 units									



Aurizon Track and Civil Matrix

Role examples (A-Z)

NOTE: These are to be used as a guide only. If you are unsure which role applied to you, please seek clarification from Aurizon as to what role is required for your intended duties. It is the individual's responsibility to ensure that the appropriate role is held before work is carried out.

Role	Examples
Rail welder (Aluminothermic) - Aurizon Network	This role encompasses the aluminothermic welding processes, the national competencies required for this role are accepted by rail transport operators. Currency requirements must be held to work on identified rail networks. This category also includes heat & cut materials using oxy-LPG equipment. Examples of Aluminothermic welding: - Thermit (SKVF, SMWF, Head repair) - RailTech (PL & AP, PLK, PLKCJ)
Rail welder (Electric) - Aurizon Network	This role encompasses the electric welding processes, the national competencies required for this role are accepted by rail transport operators. Currency requirements must be held to work on identified rail networks. This category also includes heat & cut materials using oxy-LPG equipment. Examples of electric welding: - Stick / Arc - Mig
Responsible Rail Stress Worker - Aurizon Network	This role encompasses required competencies for the rail adjustment being undertaken, and must be approved to undertake work on Aurizon Central Queensland Coal Network infrastructure. The responsible rail stress worker / person who is tasked with completing rail adjustment calculations must: Have the required national competencies for rail adjustment, TLIB3102, and have an Aurizon 'Responsible Rail Stress Worker' certificate to perform rail adjustment duties. The required qualifications to undertake track work activities are defined in CETS Module 10 as authorised by the Rail Infrastructure Manager.
Temporary Traction Bonding - Non-Electrical Worker - Aurizon Network	This role is mandatory for workers who apply temporary bonding for repairing broken rail and completing rail cuts for maintenance or re-stressing activities within and near Aurizon High Voltage Traction Network.
Ultrasonic Tester Track - National	Involves test plain rail and field welds using ultrasonic equipment. It includes determining test requirements, conducting testing using hand directed equipment, conducting visual examination and measurement of welds, identifying and classifying defects, and completing all required documentation.
Ultrasonic Tester Turnouts - National	Includes above role requirements as well as: test switches, crossings and other special components in turnouts using ultrasonic and other non-destructive testing equipment. It includes determining test requirements, conducting ultrasonic testing using hand directed equipment, and conducting non-destructive testing.