

Plant & Equipment Version 7 Reviewed by Zane Hooton,	22/03/2018	Alternative 1	Alternative 2	Alternative 3	Mobile Plant Operator - General (1) (2) (3)	Travel Rail Bound Plant - Track Machine Operations Medium/Heavy (3)	Propel and Operate Rail Bound Plant - Track Machine Operations Light (3)	Traffic Controller (on Aurizon corridor - excluding designated main road crossings)	Trades - Mechanical (4)	Trades Electrical (4)	On track plant operator - metal ballast wagon (3)	On track plant operator - HI-Rail (3)	On track plant operator - pelibone (3)	On track vehicle plant operator - (3)	On track vehicle plant operator attachments - (3)
Nationally Accredited Qualification															
MEM30205 Certificate III Engineering Mechanical #	MEM30298								x						
MEM30405 Certificate III Engineering Electrical / Electronic #	UEE30807 Certificate III Electrotechnology Electrician	UEE322111 Certificate III in Air Conditioning and Refrigeration	AUR30308 Certificate III Automotive Electrical							x					
Electrical Licence (Qld Issue or Equivalent)										x					
National Unit of Competency															
CAT 1 Medical (required for On track self propelled)						x						X	X	X	X
Orange Workstation Ticket (relevant to plant be utilised) Contractor											X				X
Blue Ticket to Operate - Contractor												X	X	X	X
Orange Workstation Ticket (relevant to plant be utilised)															
Blue Ticket to Operate															
TLIF2010 - Apply fatigue management strategies	TLIF1007C	TDF1097B	TDF1097A	x	x	x	x	x	x	x	x	x	x	x	x
TLIF3058 - Apply safeworking rules and regulations to rail functions	TLIF2062	TLIF2602A	TLIF6207A	x	x	x	x	x			x	x	x	x	x
TLIL4042 - Control rail traffic movement	TLIL4207B	DTL4201A	Nil					x							
TLIS2030 - Carry out track ballasting	TLIX2309A	New									x				
TLIC3045 - Operate road/rail vehicle	New											x			
TLIC2058 - Travel medium or heavy self-propelled on-track equipment	TLIC2058A	TLIC4109A	TLIC4109		x						x			x	x
TLIC2059 - Propel and operate light on-track equipment	TLIC2059A						x								
TLID2010 - Operate a forklift	TLID1007C	TDTD1097B	TDTD1097A	x											
TLID3036 - Mobile Crane up To 20Tonnes (4)	TLID3607C	TDTD3698B	TDTD3698A	x											
Slewing Mobile Crane up to 60T				x											
Slewing Mobile Crane up to 100T				x											
Slewing Mobile Crane over 100T				x											
Non-slewing Mobile Crane				x											
RIIMP0310B- Conduct Grader Operations	RIIMP0310A			x											
RIIMP0325A - Conduct civil construction scraper operations				x											
RIIMP0323A - Conduct civil construction dozer operations				x											
RIIMP0317A- Conduct Roller Operations				x											
RIIMP0324A - Conduct civil construction grader operations				x											
RIIMP0318A- Conduct skid steer loader operations				x											
RIIMP0319A- Conduct backhoe/loader operations				x											
RIIMP0320B- Conduct civil construction excavator operations	RIIMP0320A			x											
RIIMP0321A- Conduct civil construction wheel loader operations				x											
MEM18020B - Maintain Hydraulic System Components										x					
MEM18018C - Maintain Pneumatic System Components										x					
MEM18006C - Repair and Fit Engineering Components										x					
MEM05006C - Brazing &/or Silver Soldering										x					
MEM05007C - Manual Heating/Thermal Cutting										x					
MEM05012C - Perform Routine Manual Metal Arc Welding										x					
MEM18030B - Diagnose & Rectify Low Voltage Electric Systems										x					
MEM18052B - Fluid Power Systems-Mobile Plant										x					
MEM18044C - Diagnose/Rectify Drive Lines										x					
MEM18024B - Maintain Engine Cooling System										x					
MEM18033B - Engine Bottom-End Overhaul										x					
MEM18032B - Maintain Induction/Exhaust										x					
MEM18035B - Diagnose Braking Systems										x					
MEM18042C - Diagnose and Rectify Manual Transmissions										x					
MEM18043C - Diagnose Auto Transmissions										x					
MEM18026C - Test Compression Ignition Fuel										x					
MEM18029B - Tune Diesel Engines										x					
MEM18003C - Use Tools for Precision Work										x					
UEENEEE002B - Dismantle, Assemble and Fabricate Electrotechnology Components											x				
UEENEEE003B - Solve Problems in Extra-Low Voltage Single Path Circuits											x				
UEENEEE004B - Solve Problems in Multiple Path D.C. Circuits											x				
UEENEEE008B - Lay Wiring and Terminate Accessories for Extra-Low Voltage Circuits											x				
UEENEEE033B - Document Occupational Hazards and Risks in Electrical											x				
UEENEEG001B - Solve Problems in Electromagnetic Circuits											x				
UEENEEG002B - Solve Problems in Single and Three Phase Low Voltage Circuits											x				
UEENEEG003B - Install Wiring and Accessories For Low Voltage Circuits											x				
UEENEEG004B - Install Low Voltage Electrical Apparatus and Associated Equipment											x				
UEENEEG005B - Verify Compliance and Functionality of General Electrical Installations											x				
UEENEEG007B - Select and Arrange Equipment for General Electrical Installations											x				
UEENEEG008B - Find and Repair Faults in Electrical Apparatus and Circuits											x				
UEENEEG009B - Develop and Connect Control Circuits											x				
UEENEEF002B - Lay and Connect Cables for Multiple Access to Telecommunication Services											x				
UEENEEED007B - Develop, Enter & Verify Programs for Programmable Logic Controllers using Ladder Instruction Set											x				
Cert II TLI Core															
TLID1001 Shift materials safely using manual handling methods					x	x	x				x	x	x	x	x
TLIB1028 Maintain and use hand tools					x	x	x				x	x	x	x	x
TLIF1001 Follow occupational health and safety procedures					x	x	x				x	x	x	x	x
TLIF2080 Safely access the rail corridor					x	x	x				x	x	x	x	x
TLIW2001 Operate under track protection rules					x	x	x				x	x	x	x	x
TLIE1003 Participate in basic workplace communication					x	x	x				x	x	x	x	x
TLIF2010 Apply fatigue management strategies					x	x	x				x	x	x	x	x
TLIU2008 Apply environmental procedures to rail infrastructure					x	x	x				x	x	x	x	x

Notes:

Ensure all contractors have completed the Aurizon Contractor role

Relevant Around the Track Personnel role to be selected if working in the rail corridor

Trade certificate needs to be relevant to work be undertaken

(1) Mobile Plant Operator - General - only relevant unit of competence required for job task. Eg Mobile Plant Operator Excavator requires RIIMP0320A Conduct civil construction excavator operations

- Mobile Plant Operator - Crane/Hiab if the hiab is rated <10 Tonne, and the Rail Safety Task involves using the crane to lift a load eg bridge transom repairs, competence criteria here applies
- WorkCover/industry tickets not required for all Mobile Plant Operator tasks. See relevant WorkCover/industry website for current information
- RIIHAN208A Perform dogging not required for Mobile Crane Operations - Slewing Mobile Crane up to 20T
- All are not mandatory - can hold any one or more of these qualifications relevant to the task

(2) Will also accept as evidence of competence:

- a previous certificate of competency issued by a regulator
- a statement of attainment or other nationally accredited qualification
- an industry competency card or completing training at an industry training school
- appropriate on-the-job training from an experienced and competent operator
- previous experience and competency verified by a previous employer.

(3) Additional evidence required in accordance with type of machine (Loader, Roller, Excavator, etc)

(4) Trade qualification preferred but not mandatory. Additional optional qualifications maybe requested by Aurizon depending on work being undertaken