

Certificate II in Rail Infrastructure unit selections

TLI21315 Certificate II in Rail Infrastructure (Track work)

HRD offers skills recognition assessment leading to the Certificate II in Rail Infrastructure or the parts of it that are relevant to a person's job.

The following is an outline of the qualification as offered by HRD. Workplaces with specific requirements should consult www.training.gov.au to view qualification packaging rules.

Core units

All 7 units must be completed for the qualification to be awarded.

TLIB1028 Maintain and use hand tools	Workplace requirements for using and maintaining hand tools, include selecting and using hand tools to complete workplace tasks; maintaining basic hand tools according to manufacturer instructions; securing and storing hand tools according to workplace procedures.
TLID1001 Shift materials safely using manual handling methods	The skills and knowledge required to shift loads safely using manual handling methods include assessing the risks associated with relocating the load, planning movement and relocating a load according to the plan.
TLIE1003 Participate in basic workplace communication	Participate effectively in basic workplace communication by communicating information about routine tasks, processes, events or skills; participating in group discussions to achieve desired work outcomes; representing group views to others.
TLIF1001 Follow occupational health and safety procedures	This unit develops the skills and knowledge required to follow and apply OH&S procedures in the workplace. It includes hazard identification and risk control, contributing to the management of OHS, and completing OHS records.
TLIF2010 Apply fatigue management strategies	Fatigue management is part of a safe rail work environment. This unit covers identifying and acting on signs of fatigue and implementing appropriate strategies to minimise fatigue during work activities.
TLIF2080 Safely access the rail corridor	All people must have the fundamental knowledge required to safely enter the rail corridor. This unit includes taking appropriate safety precautions to access the danger zone; access the rail corridor; and respond appropriately in an emergency.
TLIU2008 Apply environmental procedures to rail infrastructure	This unit involves the skills and knowledge required to care for the environment during rail infrastructure maintenance and construction activities according to approved standards, safeworking and regulatory requirements and workplace procedures.

Track work specialisation stream

All 6 units of competency must be selected.

TLIB2085 Apply track fundamentals	This unit is about applying the fundamentals of track maintenance and construction, and carrying out basic track measurement according to industry standards. It includes identifying track terminology, track components and track tools and equipment; and undertaking basic track measurement.
TLIB2092 Operate minor mechanical equipment	This unit involves the skills and knowledge required to operate and maintain minor mechanical equipment. It includes carrying out pre-operation checks, operating the equipment, conducting routine maintenance, and securing and storing equipment.
TLIS2030 Carry out track ballasting	This unit involves the skills and knowledge required to carry out track ballasting manually and mechanically. It includes determining the job requirements, carrying out the ballast activity in accordance with work orders, and completing documentation.
TLIS2031 Install railway sleepers	This unit involves the skills and knowledge required to install railway sleepers manually or mechanically. It includes preparing for work, restoring track gauge, installing or replacing sleepers and completing documentation.
TLIS2034 Install and repair rail fastening systems	Installing and repairing rail fastening systems includes identifying work requirements, installing the fastening system, repairing the fastening system and completing all required documentation.

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TLIS2044 Carry out rail installation	This unit involves the skills and knowledge required to install rail to industry standards. It includes identifying job requirements, preparing rail for installation, installing rail, joining rail ends, restoring track and completing documentation.
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General electives – recommended units

Three units must be selected from the General Electives.

HRD recommends the following units of competency:

TLIW2001 Operate under track protection rules Essential to the Rail Industry Worker Rail labourer role	Operating under local track protection rules includes accessing and interpreting information about track protection requirements, carrying out assigned protection and/or work activities, and responding appropriately to safety incidents and abnormal situations within the limits of personal responsibility.
TLIF2062 Apply awareness of safeworking rules and regulations Required for certain roles in some jurisdictions	A basic awareness of safeworking rules and regulations is an essential part of every work function in the rail industry. Content includes interpreting and applying the applicable safeworking rules and protocols; recognising and reporting unsafe situations; following safeworking instructions and procedures; and taking appropriate safety precautions.
TLIB1093 Clean equipment and restore worksite Useful for all track work roles	This unit involves the skills and knowledge required to clean up plant, equipment and worksite according to workplace procedures. It includes planning and preparing work, arranging the clear up and disposal/reclamation of material, operating cleaning equipment and mobile plant, finalising the work and restoring the site.