



Australian Government

RIICTB310E Construct specialised timber deck systems

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to construct specialised timber deck systems in civil construction. This includes stressing, resting and re-stressing bridge decks, installing bridge decks on location, fitting protection angles, kerbs and handrails, and waterproofing.

It applies to those working in operational roles. They generally work under minimal supervision to undertake a broad range of tasks in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to construct specialised timber deck system	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to construct timber deck systems and confirm work activity is compliant 1.3 Obtain and interpret emergency procedures, and identify steps required to respond to emergencies 1.4 Select and wear personal protective equipment according to site requirements 1.5 Confirm and identify requirements for complying with environmental protection, safety and traffic management signage

ELEMENT	PERFORMANCE CRITERIA
	requirements 1.6 Identify, address and report environmental issues, potential hazards and risks 1.7 Select plant, tools and equipment required to carry out tasks and check for faults 1.8 Identify, confirm, and locate materials required for work application
2. Construct bridge deck	2.1 Select deck materials according to job requirements 2.2 Pre-drill connection points according to job requirements 2.3 Fix deck temporarily with nails according to job requirements 2.4 Connect stressing cables to bridge deck 2.5 Stress and rest bridge deck for timeframe according to job requirements
3. Install bridge deck	3.1 Re-stress bridge deck 3.2 Trim bridge deck according to job requirements 3.3 Install bridge deck at location according to job requirements 3.4 Bolt bridge deck to cross girders according to job requirements 3.5 Re-stress bridge deck 3.6 Pack stressing cable location holes with grease 3.7 Fit protection angles, kerbs and handrails according to job requirements 3.8 Apply waterproofing to deck and fittings
4. Conduct clean-up activities	4.1 Clear work area and dispose of or recycle materials according to site requirements 4.2 Clean, check, perform maintenance on and store machinery, tools and equipment according to manufacturer specifications and site requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral communication	- Identifies and interprets information from verbal instructions - Conveys information and instructions to others verbally
Self-management	Monitors and minimises own exposure to worksite risks and hazards during work activities

Unit Mapping Information

Supersedes and is equivalent to RIICTB310D Construct specialised timber deck systems.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>