



Australian Government

RIICTB306E Splice and connect timber members

Release: 1

RIICTB306E Splice and connect timber members

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 splice and connect timber members in civil construction including installing and removing temporary supports, applying durability treatments, and completing cutting and splicing of piles or bottom chords.

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 splice and connect timber members	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to splice and connect timber members 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 requirements

ELEMENT	PERFORMANCE CRITERIA
	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. Install temporary supports	2.1 Locate and level bed logs according to job requirements 2.2 Install temporary header according to job requirements 2.3 Position toms and jacks on bed logs according to job requirements 2.4 Install temporary bracing according to job requirements 2.5 Loosen connectors to piles to allow movement and access 2.6 Jack bridge structure clear of pile according to job requirements
3. Join and seal timber members	3.1 Select and measure timber components according to job requirements 3.2 Position timber members for joining according to job requirements 3.3 Apply durability treatments to members 3.4 Apply preservatives to faced sections 3.5 Fit splicing plate according to job requirements 3.6 Install connectors to members according to job requirements 3.7 Remove temporary supports after members are secured
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
Numeracy	<ul style="list-style-type: none"> Calculates basic measurements including mass and dimensions
Oral communication	<ul style="list-style-type: none"> Identifies and interprets information from verbal instructions Conveys information and instructions to others verbally
Self-management	<ul style="list-style-type: none"> Monitors and minimises own exposure to worksite risks and hazards during work activities

Unit Mapping Information

Supersedes and is equivalent to RIICTB306D Splice and connect timber members.

Links

Companion Volume Implementation Guide is found on VETNet -

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