



Australian Government

RIICTB202E Apply bridge durability treatments

Release: 1

RIICTB202E Apply bridge durability treatments

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 apply bridge durability treatments in civil construction, including surface preparation, applying protective coatings and preservatives on timber members and installing capping on the end of timber members.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

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 apply durability treatment	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to apply bridge durability treatments 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. Apply protective coatings and preservatives	2.1 Locate access devices in reach of areas to be coated according to job requirements 2.2 Select resources according to job requirements 2.3 Select and apply surface preparation technique according to job requirements 2.4 Apply protective coating and preservatives to prepared area
3. Install capping	3.1 Locate access devices in reach of areas to be capped 3.2 Select resources, materials and equipment according to job requirements 3.3 Prepare capping materials for installation 3.4 Apply protective coating to surfaces to be capped according to job requirements 3.5 Fix capping to timber members according to job requirements
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 plant, 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 RIICTB202D Apply bridge durability treatment.

Links

Companion Volume Implementation Guide is found on VETNet -

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