



Australian Government

RIICTB308E Install or replace truss members

Release: 1

RIICTB308E Install or replace truss 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 install or replace truss members in civil construction including removing defective truss members, fabricating, installing and re-cambering replacement truss members and applying durability treatments.

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>

ELEMENT	PERFORMANCE CRITERIA
1. Plan and prepare to install or replace truss members	1.1 Obtain, interpret and confirm work instructions 1.2 Access, interpret and apply documentation required to install or replace truss 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 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. Produce and install truss members	2.1 Remove defective truss members according to job requirements 2.2 Measure truss members and prepare for installation according to job requirements 2.3 Fabricate new truss members to replace original truss members 2.4 Fit new truss members according to job requirements 2.5 Apply durability treatments to new truss members 2.6 Install connectors and flashing to new truss members according to job requirements 2.7 Adjust king bolts and re-camber truss according to job requirements 2.8 Remove bailey supports once new truss members are secured
3. Conduct clean-up activities	3.1 Clear work area and dispose of or recycle materials according to site requirements 3.2 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 RIICTB308D Install or replace truss members.

Links

Companion Volume Implementation Guide is found on VETNet -

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