



Australian Government

RIICTB304D Install or replace sub-structure members

Release: 2

RIICTB304D Install or replace sub-structure members

Modification History

Release	Comment
1	This unit replaces RIICTB304A Install or replace sub-structure members
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to install or replace sub-structure members in Civil Construction.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare to install or replace sub-structure members	<p>1.1. Access, interpret and apply sub-structure members documentation and ensure the work activity is compliant</p> <p>1.2. Obtain, interpret, clarify and confirm work instructions before proceeding</p> <p>1.3. Confirm and apply environmental protection and safety requirements</p> <p>1.4. Obtain, interpret and implement traffic management signage requirements</p> <p>1.5. Select and check for faults plant, tools and equipment to carry out tasks</p> <p>1.6. Select and wear correct personal protective equipment appropriate for work activities</p>
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	1.7. Identify, confirm, safely handle and locate, ready for use, materials required for the work application 1.8. Identify, address and report hazards, risks and environmental issues 1.9. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Prepare for installation or replacement	2.1. Assess implications of project on bridge load capacity 2.2. Measure dimensions of original components 2.3. Select resources 2.4. Conduct follow up inspection of work
3. Erect major sub-structure members	3.1. Measure and prepare members for installation or replacement of major sub-structure members 3.2. Fit new members 3.3. Apply durability treatments to the new members 3.4. Install connectors to the new sub-structure members 3.5. Remove temporary supports after new members are secured in place
4. Erect minor sub-structure member	4.1. Measure and prepare members for installation or replacement of minor sub-structure members 4.2. Fit new members 4.3. Apply durability treatments to the new members 4.4. Install connectors to the new sub-structure members
5. Clean up	5.1. Clear work area and dispose of or recycle materials 5.2. Clean, check, maintain and store machinery, tools and equipment

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

RIICTB304A Install or replace sub-structure members

Links

Companion Volume implementation guides are found in VETNet -

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