



Australian Government

RIICTB305D Install or replace super-structure members

Release: 2

RIICTB305D Install or replace super-structure members

Modification History

Release	Comment
1	This unit replaces RIICTB305A Install or replace super-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 super-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 super-structure members	1.1 Access, interpret and apply install or replace super-structure members documentation and ensure the work activity is compliant 1.2 Obtain, interpret, clarify and confirm work instructions before proceeding 1.3 Confirm and apply environmental protection and safety requirements 1.4 Obtain, interpret and implement traffic management signage 1.5 Select and check for faults plant, tools and equipment to carry out tasks 1.6 Select and wear correct personal protective equipment appropriate for work activities 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. Install temporary supports	2.1. Locate and level bed logs in place 2.2. Bolt temporary headers to the girders 2.3. Position toms and jacks on the bed logs 2.4. Install temporary bracing 2.5. Loosen or cut existing bolts to allow movement and access 2.6. Jack structure to allow removal of defective part
3. Install or replace members	3.1. Remove defective part/s avoiding damage to surrounding members and other workers 3.2. Measure and prepare members for installation or replacement 3.3. Fit new members 3.4. Apply durability treatments to the new members 3.5. Install connectors to the new super-structure members 3.6. Remove temporary supports after new members are secured in place 3.7. Remove temporary headers and bed logs and return bridge to its normal settle point
4. Clean up	4.1. Clear work area and dispose of or recycle materials 4.2. 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

RIICTB305A Install or replace super-structure members

Links

Companion Volume implementation guides are found in VETNet -

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