



Australian Government

RIICTB307D Assemble a temporary modular bridge

Release: 2

RIICTB307D Assemble a temporary modular bridge

Modification History

Release	Comment
1	This unit replaces RIICTB307A Assemble a temporary modular bridge
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 assemble a temporary modular bridge 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 assemble a temporary modular bridge	1.1. Access, interpret and apply temporary modular bridge 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 requirements 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
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	1.7. Identify, confirm, safely handle and locate, ready for work, 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. Assemble temporary bridge components	2.1. Assess condition of components for acceptable use and discard faulty parts 2.2. Compile components and check inventory 2.3. Mark location points for high capacity panelling 2.4. Select required resources, materials and equipment 2.5. Sequence assembly process prior to commencement 2.6. Assemble interlocking components using connections and fittings 2.7. Re-check completed assembly
3. Launch temporary bridge	3.1. Set out starting approach site 3.2. Set out arrival approach site with the receiving bearing 3.3. Position temporary bridge on the starting approach 3.4. Fit launching nose, inclined upwards, to the first module 3.5. Set up launching pad on the starting approach 3.6. Roll out temporary bridge by winching or pushing 3.7. Cantilever temporary bridge modules, calculated at an angle to achieve reaching the arrival approach, and launch 3.8. Fit launching nose and end module to the receiving bearings at the arrival approach
4. Disassemble temporary bridge components	4.1. Sequence disassembly process prior to commencement 4.2. Select required resources, materials and equipment 4.3. Disassemble interlocking components including connections and fittings 4.4. Compile components and check inventory 4.5. Assess condition of components for acceptable use and discard faulty parts 4.6. Store components
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
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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

RIICTB307A Assemble a temporary modular bridge

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>