



Australian Government

RIICTB303D Erect a temporary modular support system (bailey) on an existing bridge

Release: 2

RIICTB303D Erect a temporary modular support system (bailey) on an existing bridge

Modification History

Release	Comment
1	This unit replaces RIICTB303A Erect a temporary modular support system (bailey) on an existing 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 erect a temporary modular support system (bailey) on an existing 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 erect a temporary modular support system (bailey) on an existing bridge	1.1. Access, interpret and apply temporary modular support system (bailey) 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. Identify, confirm, safely handle and locate ready for use materials required for the work application 1.7. Select and wear personal protective equipment appropriate for work activities 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. Set out and establish support system	2.1. Assess load bearing capacity of the ground and/or timber directly under the support system 2.2. Set out bearing locations 2.3. Install supplementary supports
3. Assemble temporary modular bridge	3.1. Assess condition of components for acceptable use and replace faulty parts 3.2. Compile components and check inventory 3.3. Mark location points for high capacity panelling 3.4. Select resources, materials and equipment 3.5. Sequence assembly process prior to commencement 3.6. Assemble interlocking components using connections and fittings for the temporary modular bridge 3.7. Re-check completed assembly
4. Disassemble temporary modular bridge	4.1. Sequence disassembly process prior to commencement 4.2. Select 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 reuse 4.6. Store components
5. Clean up	5.1. Clear work area and dispose of or recycle 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

RIICTB303A Erect a temporary modular support system (bailey on an existing bridge)

Links

Companion Volume implementation guides are found in VETNet -

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