



Australian Government

RIICBM307D Construct formwork and false work on concrete bridges

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIICBM307A Construct formwork and false work on concrete bridges
2	<p>Knowledge Evidence formatting corrected.</p> <p>Required frequency and volume of evidence amended in Performance evidence.</p> <p>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.</p>

Application

This unit describes a participant's skills and knowledge required to apply construct formwork and false work on concrete bridges 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	<p>1.1 Access, interpret and apply construct formwork and false work on concrete bridges 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>
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	<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 Identify, address and report hazards, risks and environmental issues</p>
2. Prepare for formwork erection	<p>2.1 Identify and confirm location and design of formwork/false work</p> <p>2.2 Accurately place key set out locations</p> <p>2.3 Prepare work area and materials for the erection of formwork/false work</p> <p>2.4 Assemble formwork shutters</p> <p>2.5 Sequentially erect formwork support system (false work)</p> <p>2.6 Check scaffolding and/or hand railing where required</p> <p>2.7 Place bracing of formwork support to maintain rigidity and stability</p> <p>2.8 Set support system to correct height level, line and tolerance</p>
3. Erect formwork	<p>3.1 Fabricate, position and fix formwork for beams, drop panels and cantilevers into place</p> <p>3.2 Assemble, erect and fix formwork for walls into place, plumb and to specified tolerance</p> <p>3.3 Fabricate, position and fix soffit formwork into place</p> <p>3.4 Fix edge boxing to formwork in correct position and plumb to alignment.</p> <p>3.5 Brace formwork</p> <p>3.6 Install cast-ins, inserts and penetration blocks to locations</p>
4. Inspect formwork	<p>4.1 Inspect erected formwork and formwork support system for safety and quality of work</p> <p>4.2 Remove loose dirt, sawdust and other waste material with due care to welfare of site personnel and public</p> <p>4.3 Apply release agent to formwork</p> <p>4.4 Monitor formwork and support system during concrete pour</p>
5. Stripping of formwork	<p>5.1 Obtain approval to remove formwork/false work support</p> <p>5.2 Carefully remove edge boxing and braces, denail, clean and store/stack</p> <p>5.3 Back off support system to appropriate height to loosen soffit</p>

	decking 5.4 Safely and sequentially remove formwork, denail and relocate or store 5.5 Select and install appropriate back propping system, where applicable
6. Clean up	6.1 Clear work area and dispose of or recycle materials 6.2 Clean, check, maintain and store plant, 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

RIICBM307A Construct formwork and false work on concrete bridges

Links

Companion Volume implementation guides are found in VETNet -

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