



Australian Government

RIICBM306D Undertake concreting work on concrete bridges

Release: 2

RIICBM306D Undertake concreting work on concrete bridges

Modification History

Release	Comment
1	This unit replaces RIICBM306A Undertake concreting 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 Undertake concreting 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 documentation to undertake concreting work on concrete bridges 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</p>
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	<p>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> <p>1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Place concrete	<p>2.1 Identify and confirm location and design of concrete work</p> <p>2.2 Remove debris and waste from pour area</p> <p>2.3 Apply release agent</p> <p>2.4 Pour concrete in horizontal layers into location to levels as indicated by markers, level pegs or lines</p> <p>2.5 Implement methods to avoid segregation</p> <p>2.6 Consolidate poured concrete during process using approved compaction or vibration methods</p>
3. Finish concrete	<p>3.1 Screed concrete to correct levels and/or grades using appropriate straight edged tool or formwork mounted screeds</p> <p>3.2 Float screeded concrete surface</p> <p>3.3 Define control/structural joints and finish edges</p> <p>3.4 Finish concrete surface</p>
4. Cure concrete	<p>4.1 Maintain curing agent/method on concrete surface</p> <p>4.2 Isolate and/or barricade the area to protect concrete during curing process</p>
5. Clean up	<p>5.1 Clear work area and dispose of or recycle materials</p> <p>5.2 Clean, check, maintain and store plant, tools and equipment</p>

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

RIICBM306A Undertake concreting 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>