



Australian Government

RIICTB309D Construct, maintain and remove coffer dams

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIICTB309A Construct, maintain and remove coffer dams
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 construct, maintain and remove coffer dams in the Civil Construction Industry.

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 construct and remove coffer dams	1.1 Access, interpret and apply coffer dams documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify, address and report hazards, risks and environmental issues and implement control measures 1.4 Select and wear personal protective equipment appropriate for work activities 1.5 Confirm and apply environmental protection and safety requirements 1.6 Obtain, interpret and implement traffic management signage requirements 1.7 Select and check for faults plant, tools and equipment to carry
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	out tasks 1.8. Identify, confirm, safely handle and locate, ready for use, materials required for the work application 1.9. Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Construct and maintain dam	2.1. Contact utilities to check placement of marine cables before coffer dam construction 2.2. Drive sheet piles into location 2.3. Brace sheet piles 2.4. Dewater and caulk dammed area 2.5. Install sump and/or pump to remove excess water seepage 2.6. Remove mud manually from dammed area 2.7. Level dammed area ready for bridge work to commence
3. Remove coffer dam	3.1. Clear dammed area of any refuse or construction waste 3.2. Remove temporary concrete slab, where used 3.3. Flood coffer dam 3.4. Remove sheet pile 3.5. Extract and dismantle sheet piling allowing waterway to restore its original flow
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

RIICTB309A Construct, maintain and remove coffer dams

Links

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

