



Australian Government

RIICFW305D Conduct cast in-situ pilings operations

Release: 2

RIICFW305D Conduct cast in-situ pilings operations

Modification History

Release	Comment
1	This unit replaces RIICFW305A Conduct cast in-situ pilings operations
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 conduct cast in-situ pilings operations 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 conduct in-situ pilings operations	1.1 Access, interpret and apply documentation to boring of cast in-situ piles 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 1.5 Select plant, tools and equipment and check for faults to carry out tasks 1.6 Select and wear correct personal protective equipment appropriate for work activities 1.7 Identify, address and report environmental issues, potential
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	hazards and risks 1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Locate and prepare pile positions	2.1 Establish location for piles from reference points and set out 2.2 Position and check plant and related equipment for operation 2.3 Bore hole 2.4 Check caisson for conformity with specification 2.5 Install caisson in the bored hole 2.6 Prepare caisson to receive concrete
3. Place concrete	3.1 Place concrete into caisson 3.2 Vibrate concrete, removing voids and air pockets
4. Remove boring rig	4.1 Relocate boring rig to next point of installation operation 4.2 Remove boring rig from site on completion of work
5. Clean up	5.1 Clear work area and dispose of or recycle materials 5.2 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

RIICFW305A Conduct cast in-situ pilings operations

Links

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