



Australian Government

RIICFW307D Direct cast in-situ piling operations

Release: 2

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Modification History

Release	Comment
1	This unit replaces RIICFW307A Direct cast in-situ piling 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 direct cast in-situ piling operations in Civil Construction.

This unit is appropriate for those working in operational roles.

No licensing or certification requirements apply to this unit at the time of publication.

Unit Sector

Civil construction

Elements and Performance Criteria

1. Plan and prepare to direct in-situ piling operations	<p>1.1 Access, interpret and apply documentation to the direction of cast in-situ piling operations and ensure the work activity is compliant</p> <p>1.2 Obtain, interpret, clarify and confirm work instructions and resolve coordination requirements before proceeding</p> <p>1.3 Confirm and apply environmental protection and safety requirements</p> <p>1.4 Select and wear correct personal protective equipment appropriate for work activities</p> <p>1.5 Obtain, interpret and implement traffic management signage requirements</p> <p>1.6 Select, and check for faults, plant, tools and equipment to carry out tasks</p> <p>1.7 Identify, address and report environmental issues, potential</p>
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	<p>hazards and risks</p> <p>1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Direct the rig, locate and prepare pile positions	<p>2.1 Establishing the location of piles from reference points and set out</p> <p>2.2 Establish recovery pegs and conduct on-going measurements to ensure correct location</p> <p>2.3 Position plant and related equipment and conduct pre-start checks</p> <p>2.4 Provide guidance for boring of holes</p> <p>2.5 Direct installation of the casing in the bored hole if applicable</p> <p>2.6 Prepare pile to receive concrete</p>
3. Assist with placing concrete	<p>3.1 Place concrete into pile</p> <p>3.2 Identify the process of placing concrete in dry situations</p> <p>3.3 Identify the process of placing concrete in wet situations</p>
4. Carryout post-operational requirements	<p>4.1 Provide direction for the relocation of boring rig</p> <p>4.2 Provide direction for the removal of boring rig from site on completion of work</p> <p>4.3 Clear work area and dispose of or recycle materials</p> <p>4.4 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

RIICFW307A Direct cast in-situ piling operations

Links

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