



Australian Government

RIICFW308 Conduct screw piling operations

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to conduct screw piling operations in civil construction including establishing locations for and installing screw piles.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories and industry sectors. Users must check requirements with relevant body before applying the unit.

Unit Sector

Civil construction

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to conduct screw piling operations	1.1 Obtain, interpret and confirm work instructions 1.2 Access, interpret and apply documentation required to conduct screw piling operations and confirm work activity is compliant 1.3 Obtain and interpret emergency procedures and identify steps required to respond to emergencies 1.4 Select and wear personal protective equipment according to site requirements 1.5 Confirm and comply with environmental protection, safety and traffic management signage requirements 1.6 Identify potential hazards and environmental issues, implement control measures within scope of own role and escalate where

ELEMENT	PERFORMANCE CRITERIA
	<p>required</p> <p>1.7 Select plant, tools and equipment required to carry out tasks and check for faults</p> <p>1.8 Identify, confirm, and locate materials required for work application</p>
2. Position and install screw piles	<p>2.1 Establish location for piles from reference points and set out according to job requirements</p> <p>2.2 Position and confirm operation of plant and related equipment</p> <p>2.3 Check screw pile for conformity with job requirements</p> <p>2.4 Bore hole and install screw pile according to job requirements</p>
3. Conduct clean-up activities	<p>3.1 Clear work area and dispose of or recycle materials according to site requirements</p> <p>3.2 Clean, check, perform maintenance on and store plant, tools and equipment according to manufacturer specifications and site requirements</p>

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral Communication	<ul style="list-style-type: none"> Identifies and interprets information from verbal instructions Conveys information and instructions to others verbally
Reading	<ul style="list-style-type: none"> Identifies and interprets information from written documentation
Self-management	<ul style="list-style-type: none"> Monitors and minimises own exposure to worksite risks and hazards during work activities

Unit Mapping Information

New unit

Links

Companion Volume Implementation Guide is found on VETNet -

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