



Australian Government

RUCFW306E Direct pile driving operations

Release: 1

RIICFW306E Direct pile driving operations

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 direct pile driving operations in civil construction. This includes establishing recovery pegs, providing guidance for lifting, manoeuvring and setting up piling rigs, installing timber and pre-cast concrete piles, and conducting pile hammering.

It applies to those working in operational roles. They generally work under minimal supervision to undertake a broad range of tasks in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

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 direct pile driving operations	1.1 Obtain, interpret and confirm work instructions 1.2 Access, interpret and apply documentation required to direct pile driving 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 identify requirements for complying with

ELEMENT	PERFORMANCE CRITERIA
	<p>environmental protection, safety and traffic management signage requirements</p> <p>1.6 Identify potential hazards and environmental issues, implement control measures within scope of own role and escalate where 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. Assist with locating pile position and establishing piling rig	<p>2.1 Establish location for piles from reference points and set out according to job requirements</p> <p>2.2 Establish recovery pegs and conduct on-going measurements to confirm correct location according to job requirements</p> <p>2.3 Direct plant and related equipment in position according to job requirements and conduct pre-start checks</p> <p>2.4 Prepare and confirm conformity of pile according to job requirements</p> <p>2.5 Identify and protect area for pile driving and surrounding working space according to job requirements</p>
3. Support piling process	<p>3.1 Provide guidance for lifting and manoeuvring piles into position according to job requirements</p> <p>3.2 Provide guidance for setting up piling rig and driving pile into position according to job requirements</p> <p>3.3 Direct splicing according to job requirements</p>
4. Carry out post-operational requirements	<p>4.1 Assist with dismantling of plant and related equipment according to manufacturer specifications and job requirements</p> <p>4.2 Provide direction for relocation of piling rig according to job and site requirements</p> <p>4.3 Clear work area and dispose of or recycle materials according to site requirements</p> <p>4.4 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
Initiative and enterprise	<ul style="list-style-type: none">• Identifies and executes tasks independently
Numeracy	<ul style="list-style-type: none">• Calculates basic measurements including mass and dimensions
Oral communication	<ul style="list-style-type: none">• Identifies and interprets information from verbal instructions• Conveys information and instructions to others verbally
Self-management	<ul style="list-style-type: none">• Monitors and minimises own exposure to worksite risks and hazards during work activities

Unit Mapping Information

Supersedes and is equivalent to RIICFW306D Direct pile driving operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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