



Australian Government

RIICFW303E Install primary ground supports

Release: 1

RIICFW303E Install primary ground supports

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 install primary ground support in civil construction. This includes setting out points of support, installing sets and rings, sheet piling and panel and box sets, as well as performing maintenance on primary ground support through inspections, fault identification and implementing adjustments.

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 install primary ground support	1.1 Obtain, interpret and confirm work instructions 1.2 Access, interpret and apply documentation required to install primary ground supports 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 environmental protection, safety and traffic management signage

ELEMENT	PERFORMANCE CRITERIA
	requirements 1.6 Identify potential hazards and environmental issues, implement control measures within scope of own role and escalate where required 1.7 Select plant, tools and equipment required to carry out tasks and check for faults 1.8 Identify, confirm, and locate materials required for work application
2. Set out and prepare for primary ground support	2.1 Determine requirements for ground support construction according to job requirements 2.2 Identify and implement installation method according to job requirements 2.3 Obtain material required for primary ground support according to job requirements 2.4 Install primary ground support in excavated areas 2.5 Set out position of steel sets and points of support according to job requirements 2.6 Prepare components of ground support according to job requirements
3. Select and install primary ground support	3.1 Select primary ground support system according to job requirements 3.2 Install primary ground support system according to job requirements
4. Perform maintenance on primary ground support	4.1 Conduct daily inspection of primary ground support to confirm system is secure 4.2 Identify faults and perform maintenance on ground supports 4.3 Identify ground faults and perform support rectifications
5. Conduct clean-up activities	5.1 Clear work area and dispose of or recycle materials according to site requirements 5.2 Clean, check, perform maintenance on and store plant, tools and equipment according to manufacturer specifications and site requirements

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
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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 RIICFW303D Install primary ground support.

Links

Companion Volume Implementation Guide is found on VETNet -

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