



Australian Government

RIICRC312E Set up and maintain concrete paver stringlines

Release: 1

RIICRC312E Set up and maintain concrete paver stringlines

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 set up and maintain concrete paver stringlines in civil construction, including installing and removing access points, pins and step-up flags.

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 set up and maintain concrete paver stringlines	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to set up and maintain concrete paver stringlines and confirm work activity is compliant 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear personal protective equipment according to site requirements 1.5 Identify, obtain and implement signage requirements 1.6 Select plant, tools and equipment required to carry out tasks and

ELEMENT	PERFORMANCE CRITERIA
	check for faults
2. Inspect equipment and layout	2.1 Inspect stringlines and confirm compliance against site requirements 2.2 Inspect stringline flags and pins and confirm compliance against site requirements 2.3 Inspect hand or car winch and other required pulling devices and confirm operations meet site requirements 2.4 Inspect ground conditions and confirm compliance against site requirements 2.5 Load and unload stringline pins onto vehicle according to site requirements 2.6 Set up barricades and exclusion zones around work area according to job and site requirements
3. Place stringline and pins	3.1 Drive in stringline pins and place pins according to job and site requirements 3.2 Check and confirm specified tension of stringlines according to site requirements 3.3 Establish specified tensions on stringlines according to job requirements using tension measuring devices 3.4 Set up anchor pins according to job and site requirements 3.5 Tie off stringline to anchor pins 3.6 Release stringline from anchor pins 3.7 Set out from survey pins heights and level and check and confirm alignment according to job requirements 3.8 Reset broken stringlines as specified according to job requirements
4. Install and remove access gates	4.1 Release stringline from flags and fix on ground 4.2 Install and remove protective devices for crossing vehicles as required 4.3 Check and confirm stringline vertical and horizontal upon resetting
5. Store and maintain pins and stringline	5.1 Check and maintain clamps, nuts and drive pins according to manufacturer specifications and site requirements 5.2 Clean, check, maintain and store stringline 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
Numeracy	Calculates basic measurements including ratios and dimensions
Self-management	Monitors and minimises own exposure to worksite risks and hazards during work activities

Unit Mapping Information

Supersedes and is equivalent to RIICRC312D Setup and maintain concrete paver stringlines.

Links

Companion Volume Implementation Guide is found on VETNet -

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