



**Australian Government**

# **RIICRC312D Setup and maintain concrete paver stringlines**

**Release: 2**

## RIICRC312D Setup and maintain concrete paver stringlines

### Modification History

Release	Comment
1	This unit replaces RIICRC312 Setup and maintain concrete paver stringlines
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 setup and maintain concrete paver stringlines in Civil Construction.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that apply to this unit can vary between states, territories, and Industry sectors. Relevant information must be sourced prior to application of the unit.

### Unit Sector

Civil construction

### Elements and Performance Criteria

1. Plan and prepare for operations	1.1 Access, interpret and apply concrete paver stringlines documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures 1.4 Select and wear correct personal protective equipment appropriate for work activities 1.5 Identify, obtain and implement signage requirements 1.6 Select and check for faults all plant, tools and equipment to carry out tasks
2. Inspect	2.1 Conduct visual inspection of stringlines to ensure compliance

equipment and layout	<p>with workplace specifications</p> <p>2.2 Conduct inspection of stringline flags and pins and ensure compliance with worksite plans</p> <p>2.3 Inspect hand or car winch and other pulling devices for safe and accurate operation</p> <p>2.4 Conduct visual inspection of ground conditions for conformance to work requirements</p> <p>2.5 Load and unload stringline pins onto vehicle within workplace specifications</p> <p>2.6 Set up barricades and exclusion zones around work area/PTE</p>
3. Conduct placement of stringline and pins	<p>3.1 Drive in stringline pins and placement of pins within workplace specifications</p> <p>3.2 Ensure correct tension of stringlines</p> <p>3.3 Use tension measuring devices to establish accurate tensions on stringlines</p> <p>3.4 Set up anchor pins within workplace specifications</p> <p>3.5 Communicate with work teams using workplace hand or radio communication procedures</p> <p>3.6 Tie off stringline to anchor pins</p> <p>3.7 Release stringline from anchor pins</p> <p>3.8 Set out from survey pins heights/level and undertake visual verification of alignment</p> <p>3.9 Reset stringline to specification after it breaks</p>
4. Install and remove access gates	<p>4.1 Release stringline from the flags and fix on ground to allow vehicles to cross</p> <p>4.2 Install and remove protective devices for crossing vehicles where required</p> <p>4.3 Verify stringline vertical and horizontal upon resetting via measurement and visual inspection</p>
5. Store and maintain pins and stringline	<p>5.1 Check and maintain clamps, nuts and drive pins</p> <p>5.2 Clean, check, maintain and store stringline to protect it from damage</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**

RIICRC312A Setup and maintain concrete paver stringlines

## **Links**

Companion Volume implementation guides are found in VETNet -

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