



Australian Government

RIICRC303D Lay pavers

Release: 2

RIICRC303D Lay pavers

Modification History

Release	Comment
1	This unit replaces RIICRC303A Lay pavers
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 lay pavers 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 work to lay pavers	1.1 Access, interpret and apply paver laying 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, confirm and implement signage and barrier requirements 1.6 Select and check for faults all plant, tools and equipment to carry out tasks 1.7 Identify and survey area and location of paving from job
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	drawings 1.8 Calculate paving requirements and select material to meet required finish of surface and pattern 1.9 Stockpile materials safely and within proximity to the work area
2. Prepare to lay paving	2.1 Set out location and shape of paving area to dimensions from job drawings 2.2 Carry out excavation to specified depth, allowing for base and thickness of unit 2.3 Position drainage pipes in sub-soil to local regulations 2.4 Prepare sub-soil and footing in accordance with specifications 2.5 Select base material in accordance with manufacturer's specifications for identified substrate 2.6 Clean surface free of loose material and dust where paving is to be bonded to substrate
3. Lay pavers	3.1 Position edge boards to set out and specifications 3.2 Spread sand and aggregate, and compact to specifications 3.3 Grade paving surface, where drainage is necessary, to fall evenly without ponding to outlets or surface run off system provided 3.4 Mix mortar for masonry paving to specifications 3.5 Cut pavers to form edges ensuring fit and minimum wastage of material 3.6 Lay paving units to designed pattern and required fall 3.7 Complete edges to specification 3.8 Complete compaction, mortaring and sweeping work to specifications 3.9 Maintain finish level across junctions between different levels
4. Clean up	4.1 Finish paving clean to requirements 4.2 Clear work area and dispose of or recycle materials 4.3 Clean, check, maintain and store tools and equipment

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

RIICRC303A Lay pavers

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIICRC303D Lay pavers

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of paver laying including:
 - accessing, interpreting and applying documentation relevant to the laying pavers
 - identifying and applying relevant drawings and job specifications to all work activities
 - identifying, addressing and reporting potential hazards and risks
 - identifying, obtaining, confirming and implementing signage and barriers requirements
 - selecting and checking for faults all plant, tools and equipment to carry out tasks
 - identifying, addressing and reporting environmental issues and ground conditions
- works effectively with others to undertake and complete the laying of pavers that meets all of the required outcomes including:
 - preparing for and organising work activities to meet all task requirements
 - communicating clearly and concisely with others to receive and clarify work instructions
 - using a range of communication techniques and aids to advise others of work activity and exclusion zones
 - monitoring hazards and identifying and communicating changes to the work environment during the work process
- demonstrates completion of laying pavers that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - preparing the location to lay paving and cleaning the surface free of loose material and dust where paving is to be bonded to substrate

- laying paving to specification and design pattern with accurate levels
- clearing work area and disposing of, recycling or storing materials
- monitoring hazards and identifying and communicating changes to the work environment during the work process
- the laying of pavers (preparation, laying and finishing) which is to include a minimum of three (3) separate jobs and cover a minimum of:
 - two (2) different paver shapes
 - two (2) different laying patterns
 - one (1) with curved edges
 - one (1) being a large area, and one (1) being in a small restrictive space

Knowledge Evidence

The candidate must demonstrate knowledge inlaying pavers through:

- accessing, interpreting and applying organisation and site requirements and procedures for:
 - identifying and managing risks
 - identifying, addressing and reporting environmental issues and ground conditions
 - setting up work activity
 - site isolation, signage and traffic control
 - work health and safety
 - managing waste
 - selecting and checking for faults, tools and equipment to carry out tasks
 - carrying out work to drawings and specifications
 - applying effective paver laying techniques

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,

- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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