



Australian Government

RIICRC307D Conduct road pavement construction

Release: 2

RIICRC307D Conduct road pavement construction

Modification History

Release	Comment
1	This unit replaces RIICRC307A Conduct road pavement construction
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 conduct road pavement construction 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 work to conduct road pavement construction	<p>1.1 Access, interpret and apply road pavement construction documentation and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues, and implement control measures</p> <p>1.4 Select and wear correct personal protective equipment appropriate for work activities</p> <p>1.5 Identify, obtain, confirm and implement signage and barrier requirements</p> <p>1.6 Select and check for faults all plant, tools and equipment to carry out tasks</p> <p>1.7 Survey the work area for ease of access and movement of</p>
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	materials safely
2. Set out sub-base/base	2.1 Set out job to plan from survey controls 2.2 Establish offset pegs/profiles to line and level as specified
3. Place and spread materials	3.1 Determine layer depth for spreading materials and inform plant operators accordingly 3.2 Direct trucks to correct location and specify the method of dispatching for load placement 3.3 Check moisture content of materials and adjust uniformly 3.4 Assess road pavement laying to ensure specified heights and the overall dimensions are achieved
4. Compact materials	4.1 Inform roller operators of the required number of passes 4.2 Assess compaction process to ensure the nominated number of passes are made to achieve uniform compaction across the pavement 4.3 Check pavement trimming to ensure specified tolerances are achieved
5. Clean up	5.1 Clear work area and dispose of or recycle materials 5.2 Clean, check, maintain and store plant, 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

RIICRC307A Conduct road pavement construction

Links

Companion Volume implementation guides are found in VETNet -

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