



Australian Government

RIICRC304D Maintain sealed roads

Release: 1

RIICRC304D Maintain sealed roads

Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to maintain sealed roads 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

<p>1. Plan and prepare work to maintain sealed roads</p>	<p>1.1 Access, interpret and apply sealed roads maintenance 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 Locate stockpile area in proximity to the job site</p>
<p>2. Store, prepare and transport materials</p>	<p>2.1 Store and maintain materials in quantity and specified condition for requirements of regular maintenance program</p> <p>2.2 Prepare materials in accordance with specified mix</p> <p>2.3 Load, transport and unload materials in a safe manner to minimise spillage and water</p>
<p>3. Repair damaged or wearing surface and edges</p>	<p>3.1 Identify faults in roads and pavements and apply appropriate repair method</p> <p>3.2 Remove water and loose material from damaged section</p> <p>3.3 Trim section to provide adequate support to repair material</p> <p>3.4 Prepare base and sides of sections to ensure bonding of repair material in accordance with specification</p> <p>3.5 Place material and compact to specifications maintaining alignment of surface</p>
<p>4. Repair pavement failures</p>	<p>4.1 Remove water and loose material</p> <p>4.2 Excavate failed area to create a firm base</p> <p>4.3 Trim edges to ensure adequate adhesion of repair material</p> <p>4.4 Place and compact material to specification maintaining alignment of surface</p>
<p>5. Repair and seal surface cracks</p>	<p>5.1 Identify cracks and surface drainage conditions to determine appropriate repair and sealing process</p> <p>5.2 Clear cracks of foreign materials</p> <p>5.3 Apply sealant to cracks and finish</p>

6. Clean up	6.1 Clear work area and dispose of or recycle materials 6.2 Protect storm water systems by clearing debris and loose material 6.3 Clean, check, maintain and store plant, tools and equipment
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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

RIICRC304A Maintain sealed roads

Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>