



**Australian Government**

# **RIICBS208D Conduct road maintenance operations**

**Release: 2**

## RIICBS208D Conduct road maintenance operations

### Modification History

Release	Comment
1	This unit replaces RIICBS208A Conduct road maintenance operations
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 maintenance operations 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 to conduct road maintenance operations	1.1 Access, interpret and apply road maintenance operations 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 personal protective equipment appropriate for work activities 1.5 Confirm and apply environmental protection and safety 1.6 Obtain and implement traffic management signage requirements
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	<p>1.7 Select and check for faults plant, tools and equipment to carry out tasks</p> <p>1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Set up road maintenance unit	<p>2.1 Carry out start-up, park, shutdown and secure equipment procedures</p> <p>2.2 Check operating components of the truck for serviceability</p> <p>2.3 Check tank for prevention of contamination</p> <p>2.4 Fill tank with the required materials to perform repair operations</p> <p>2.5 Determine standard mix of emulsion and/or type of asphalt ready for application</p>
3. Repair damaged surfaces	<p>3.1 Position truck forward of the damaged areas to be repaired</p> <p>3.2 Clean area to be repaired free of dust and debris</p> <p>3.3 Select equipment as appropriate to the defective area requiring repair</p> <p>3.4 Prepare defective area for resurfacing or filling</p> <p>3.5 Complete resurfacing or filling of the damaged area</p> <p>3.6 Finish repaired surface ready for use</p> <p>3.7 Measure, calculate and record material quantities and additives for each site</p> <p>3.8 Conduct, control and monitor repairing operations</p>
4. Carry out operator maintenance	<p>4.1 Conduct fault finding inspections</p> <p>4.2 Maintain equipment and the asphalt storage hopper</p> <p>4.3 Carry out routine operational servicing and lubrication tasks</p> <p>4.4 Complete written equipment condition reports and records</p>
5. Clean up	<p>5.1 Clear work area and dispose of or recycle materials</p> <p>5.2 Clean, check, maintain and store plant, tools and equipment</p> <p>5.3 Carry out housekeeping requirements</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

RIICBS208A Conduct road maintenance operations

## Links

Companion Volume implementation guides are found in VETNet -

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