



Australian Government

RIICBS317 Conduct road maintenance operations

Release: 1

RIICBS317 Conduct road maintenance operations

Modification History

This unit replaces RIICBS208D Conduct road maintenance operations. Minor endorseable amendments have been made to Elements, Performance Criteria, Foundation Skills, Performance Evidence and Knowledge Evidence to better reflect current industry practices and clarify training outcomes.

Application

This unit describes the skills and knowledge required to conduct road maintenance operations in civil construction.

It applies to those working in operational roles. The individual is generally a skilled operator and may provide theoretical advice and support a team.

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

ELEMENT <i>Elements describe the essential outcomes.</i>	PERFORMANCE CRITERIA <i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to conduct road maintenance operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply road maintenance operations documentation and confirm the work activity is compliant 1.3 Identify environmental issues and potential hazards, and assess and address risks within scope of own role and according to workplace procedures 1.4 Select and wear personal protective equipment required for work activities 1.5 Confirm and comply with environmental protection, safety and traffic management signage requirements 1.6 Select plant, tools and equipment to carry out tasks and check for faults within scope of own role 1.7 Obtain and interpret emergency procedures and identify steps required in case of fire, accident and other

ELEMENT	PERFORMANCE CRITERIA
	emergencies
2. Set up road maintenance unit	2.1 Carry out start-up, park, shutdown and secure equipment procedures 2.2 Check operating components of the vehicle for serviceability 2.3 Check tank for prevention of contamination 2.4 Fill tank with the materials required for maintenance operations 2.5 Determine standard mix of emulsion and type of asphalt as required for application 2.6 Add vehicle attachments as required
3. Repair damaged surfaces	3.1 Position vehicle forward of the damaged areas to be repaired 3.2 Clean dust and debris from area to be repaired 3.3 Select equipment required to repair defective area 3.4 Prepare defective area for resurfacing or filling 3.5 Conduct, control and monitor resurfacing and filling of the damaged area as required 3.6 Finish repaired surface ready for use 3.7 Measure, calculate and record material quantities and additives for each site
4. Carry out operator maintenance	4.1 Conduct fault finding inspections 4.2 Maintain equipment and the asphalt storage hopper 4.3 Carry out routine operational servicing and lubrication tasks 4.4 Complete written equipment condition reports and records
5. Clean up	5.1 Clear work area and dispose of and recycle materials as required according to workplace procedures and environmental requirements 5.2 Clean, check, perform maintenance on in scope of own role, and store plant, tools and equipment 5.3 Carry out housekeeping to workplace requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Skill	Description
Reading	<ul style="list-style-type: none">Identifies and interprets information from workplace procedures, documentation, legislation and regulations
Oral communication	<ul style="list-style-type: none">Uses a range of communication techniques and systems to communicate with others

Unit Mapping Information

Supersedes and is equivalent to RIICBS208D 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>