



Australian Government

RIICBS310D Conduct patching operations

Release: 2

RIICBS310D Conduct patching operations

Modification History

Release	Comment
1	This unit replaces RIICBS310A Conduct patching 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 patching 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 for patching operations	<p>1.1 Access, interpret and apply patching operations 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 personal protective equipment appropriate for work activities</p> <p>1.5 Obtain, interpret and implement traffic management signage requirements</p> <p>1.6 Select and check for faults plant, tools and equipment to carry</p>
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	<p>out tasks</p> <p>1.7 Confirm and apply environmental protection and safety requirements</p> <p>1.8 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
2. Set up patching truck	<p>2.1 Carry out pre-operational checks</p> <p>2.2 Check tank for prevention of contamination</p> <p>2.3 Fill tank with the required materials to perform repair operations</p> <p>2.4 Determine standard mix of emulsion ready for application to surfaces</p>
3. Repair damaged surfaces	<p>3.1 Carry out start-up, park, shutdown and secure equipment procedures</p> <p>3.2 Drive and operate truck</p> <p>3.3 Position truck according to the range of the boom</p> <p>3.4 Position boom manually or automatically over the damaged surface to be repaired</p> <p>3.5 Blow area to be repaired free of dust and debris</p> <p>3.6 Apply patching material to the defective area under the pressure of compressed air</p> <p>3.7 Measure, calculate and record material quantities and additives for each site</p> <p>3.8 Conduct, control and monitor patching work and ensure that materials are placed to specification</p>
4. Carry out operator maintenance	<p>4.1 Prepare machine for maintenance</p> <p>4.2 Conduct inspection and fault finding</p> <p>4.3 Carry out scheduled maintenance tasks</p> <p>4.4 Process written maintenance 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

RIICBS310A Conduct patching operations

Links

Companion Volume implementation guides are found in VETNet -

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