



Australian Government

RIICBS305E Conduct asphalt paver operation

Release: 1

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Modification History

This unit replaces RIICBS305D Conduct asphalt paver 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 asphalt paver 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 asphalt paver operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply asphalt paver 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 Determine material to be laid and handling procedures to be employed 1.7 Select plant, tools and equipment required for tasks, check for faults, and report or rectify in scope of own role

ELEMENT	PERFORMANCE CRITERIA
	1.8 Obtain and interpret emergency procedures and identify steps required in case of fire, accident and other emergencies
2. Set up asphalt paver	2.1 Carry out start-up, park, shutdown and secure equipment procedures 2.2 Adjust, change and inflate tyres as required 2.3 Set equipment to correct levels for the laying of materials 2.4 Set heating controls for the screed board 2.5 Install feeder bin where required 2.6 Check materials spreading controls for correct operation
3. Operate asphalt paver	3.1 Drive and operate equipment according to task requirements 3.2 Engage delivery vehicles without bumping 3.3 Maintain uniform speed required during spreading operations 3.4 Monitor and maintain asphalt mix 3.5 Maintain communication with screed hand and confirm materials are being spread to specifications 3.6 Monitor movement of the plant and confirm safety of asphalt crew
4. Carry out operator maintenance	4.1 Prepare machine for maintenance 4.2 Conduct inspection and fault finding 4.3 Carry out scheduled maintenance tasks according to workplace procedures 4.4 Process written maintenance records according to workplace procedures
5. Relocate paver	5.1 Prepare paver for relocation 5.2 Drive paver safely on highways and construction sites
6. Clean up	6.1 Clear work area and dispose of and recycle materials as required according to workplace procedures and environmental requirements 6.2 Clean, check, perform maintenance on in scope of own role, and store plant, tools and equipment 6.3 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
Numeracy	<ul style="list-style-type: none">Sets and checks paving equipment and controls to ensure required thickness, uniformity, line and level of surfaces
Reading	<ul style="list-style-type: none">Identifies and interprets information from workplace procedures, documentation, legislation and regulations
Self-management	<ul style="list-style-type: none">Monitors and minimises own exposure to worksite hazards during activities

Unit Mapping Information

Supersedes and is equivalent to RIICBS305D Conduct asphalt paver operations.

Links

Companion Volume implementation guides are found in VETNet -

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