



Australian Government

RIICBS305D Conduct asphalt paver operations

Release: 1

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Modification History

Not applicable.

Application

This unit describes a participant's skills and knowledge required to conduct asphalt paver 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

<p>1. Plan and prepare to conduct asphalt paver operations</p>	<p>1.1 Access, interpret and apply asphalt paver 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 Confirm and apply environmental protection and safety requirements</p> <p>1.6 Obtain, interpret and implement traffic management signage requirements</p> <p>1.7 Determine material to be laid and handling procedures to be employed</p> <p>1.8 Select and check for faults plant, tools and equipment to carry out tasks</p> <p>1.9 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
<p>2. Set up asphalt paver</p>	<p>2.1 Carry out start-up, park, shutdown and secure equipment procedures</p> <p>2.2 Adjust, change or inflate tyres</p> <p>2.3 Set equipment to correct levels to enable the laying of materials</p> <p>2.4 Set heating controls for the screed board</p> <p>2.5 Install feeder bin where required</p> <p>2.6 Check materials spreading controls for correct operation</p>
<p>3. Operate asphalt paver</p>	<p>3.1 Drive and operate equipment</p> <p>3.2 Engage delivery vehicles smoothly without bumping</p> <p>3.3 Maintain appropriate uniform speed during spreading operations</p> <p>3.4 Monitor and maintain asphalt mix</p> <p>3.5 Maintain communication with screed hand to ensure job is progressing satisfactorily and that materials are being spread to specifications</p> <p>3.6 Monitor movement of the plant to ensure safety of asphalt crew</p>

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 4.4 Process written maintenance records
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 or recycle materials 6.2 Clean, check, maintain and store plant, tools and equipment 6.3 Carry out housekeeping requirements

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

RIICBS305A Conduct asphalt paver operations

Links

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