



Australian Government

RICBS304E Compact asphalt with rollers

Release: 1

RIICBS304E Compact asphalt with rollers

Modification History

This unit replaces RIICBS304D Compact asphalt with rollers. 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 compact asphalt with rollers 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 compact asphalt with rollers	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply compact asphalt with rollers 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 required for 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. Prepare roller	2.1 Perform start-up, park, shutdown and secure equipment procedures 2.2 Plan water usage and replenishment according to job requirements 2.3 Set tyres to required pressure according to workplace procedures
3. Compact asphalt	3.1 Determine speed and rolling patterns according to job requirements 3.2 Set amplitude and frequency as directed for vibratory steel wheeled rollers 3.3 Avoid damage to other structures when in operation 3.4 Monitor watering system and prevent pick up 3.5 Maintain uniform speed and rolling pattern according to job requirements 3.6 Compact joints according to job requirements and workplace procedures 3.7 Compact final surface free of blemishes and rolling marks 3.8 Maintain safe distance between rollers, other plant and the paving 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 roller	5.1 Prepare roller for relocation 5.2 Drive roller 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
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 RIICBS304D Compact asphalt with rollers.

Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>