



Australian Government

RIICBS313 Conduct tack coat spraying operations

Release: 1

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Modification History

This unit replaces RIICBS201D Conduct tack coat spraying 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 tack coat spraying 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	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to conduct tack coat spraying operations	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply tack coat spraying operations documentation and confirm 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 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

ELEMENT	PERFORMANCE CRITERIA
	other emergencies
2. Set up for spraying operations	2.1 Conduct pre-operational plant and equipment checks 2.2 Check tank for cleanliness and contaminants prior to filling 2.3 Confirm transfer connections are completed and fully functional 2.4 Conduct loading and unloading operations according to workplace procedures 2.5 Fill spray tank with adequate materials for operation 2.6 Identify application rate and translate into required travel speed and pump characteristics 2.7 Select jets and fit to spray bar
3. Spray tack coat	3.1 Conduct, control and monitor tack coat spraying operations to meet job requirements 3.2 Select and modify tack coat spraying techniques as required by changing conditions and surface types 3.3 Monitor hazards and risks and maintain a safe working environment 3.4 Complete work plan within the operating capacities of allocated equipment
4. Operate hand lance	4.1 Determine hand spraying requirements 4.2 Set spray jets according to job requirements 4.3 Conduct, control and monitor hand spraying operations to specification 4.4 Clean and store hand spraying equipment after use
5. Carry out operator maintenance and housekeeping	5.1 Conduct inspection and fault finding on equipment 5.2 Clean spray bars and lances and check jets are free of contaminants 5.3 Empty and clean tank of bituminous products 5.4 Conduct routine operational servicing and lubrication tasks 5.5 Conduct minor maintenance on equipment 5.6 Maintain records of task according to site requirements and identify potential and current equipment problems 5.7 Clear work area and dispose of and recycle materials as required according to workplace procedures and environmental requirements 5.8 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
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 RIICBS201D Conduct tack coat spraying operations

Links

Companion Volume implementation guides are found in VETNet -

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