



Australian Government

RIICRM301E Conduct ride on road marking operations

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 6.0.

Application

This unit describes the skills and knowledge required to conduct ride on road marking operations in civil construction, including carrying out operator checks and maintenance and operating ride on road marking plant to mark new lines and remark existing lines.

It applies to those working in operational roles. They generally work under minimal supervision to undertake a broad range of tasks in varied work contexts, using some discretion and judgement in selecting equipment, services or contingency measures.

Licensing, legislative and certification requirements that apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying 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. Plan and prepare to conduct ride on road marking operations	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to conduct ride on road marking operations and confirm work activity is compliant 1.3 Identify and implement traffic management signage requirements 1.4 Select plant, tools and equipment to carry out tasks and check for faults 1.5 Identify and address potential risks, hazards and environmental issues, and implement control measures within scope of own role 1.6 Select and wear personal protective equipment required for work activities

ELEMENT	PERFORMANCE CRITERIA
	1.7 Obtain and interpret emergency procedures and identify steps required to respond to emergencies 1.8 Select fuel and lubricants required for equipment operations
2. Carry out operator checks and maintenance	2.1 Check and adjust fuel, oil, hydraulic fluid filters and water levels 2.2 Tighten and maintain bolts, nuts and attachment couplings 2.3 Check and adjust function of controls and gauges where required 2.4 Carry out pre-start, start-up, park up, shutdown and secure equipment procedures according to manufacturer specifications and site requirements 2.5 Carry out scheduled maintenance according to manufacturer specifications and site requirements 2.6 Relocate plant and equipment when not in immediate use
3. Use ride on road marking plant	3.1 Drive and operate equipment according to manufacturer specifications and job requirements 3.2 Configure lines to specification 3.3 Apply new lines and superimpose new lines over old lines as required according to job requirements 3.4 Operate line cut off device according to manufacturer specifications and job requirements
4. Conduct clean-up activities	4.1 Clear work area and dispose of or recycle materials according to site requirements 4.2 Return surplus fuel, lubricants, paints and beads to storage according to site requirements 4.3 Clean, check, perform maintenance on and store plant, tools and equipment according to manufacturer specifications and site requirements 4.4 Carry out housekeeping activities according to site 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	Calculates basic measurements relating to distances, material requirements and application rates
Self-management	Monitors and minimises own exposure to worksite risks and hazards during work activities

SKILL	DESCRIPTION
Writing	Completes maintenance records using sector specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIICRM301D Conduct ride on road marking operations.

Links

Companion Volume Implementation Guide is found on VETNet -

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