



Australian Government

RIICRM301D Conduct ride on road marking operations

Release: 2

RIICRM301D Conduct ride on road marking operations

Modification History

Release	Comment
1	This unit replaces RIICRM301A Conduct ride on road marking operations
2	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

Application

This unit describes a participant's skills and knowledge required to conduct ride on road marking 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

1. Plan and prepare to conduct ride on road marking operations	1.1 Access, interpret and apply ride on marking operations documentation and ensure the work activity is compliant 1.2 Obtain, interpret, clarify and confirm work instructions before proceeding 1.3 Identify and implement traffic management signage requirements 1.4 Select and check for faults plant, tools and equipment to carry out tasks 1.5 Identify, address and report hazards, risks and environmental issues 1.6 Select and wear correct personal protective equipment appropriate for work activities
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	1.7 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency
2. Select fuel and lubricants	2.1 Select fuel and lubricants for the required equipment operations
3. Carry out operator checks and maintenance	3.1 Check and adjust fuel, oil, hydraulic fluid filters and water levels 3.2 Tighten and maintain bolts, nuts and attachment couplings 3.3 Check and adjust function of controls and gauges where necessary 3.4 Carry out pre-start, start-up, park up, shutdown and secure equipment procedures 3.5 Carry out scheduled maintenance 3.6 Safely locate plant and equipment when not in immediate use
4. Use ride on road marking plant	4.1 Drive and operate equipment 4.2 Configure lines to specification 4.3 Apply new lines to the new or resurfaced area providing an even coverage 4.4 Superimpose new lines over old lines on existing surfaces providing an even coverage 4.5 Operate line cut on/cut off device
5. Clean up	5.1 Clear work area and dispose of or recycle materials 5.2 Return surplus fuel, lubricants, paints and beads to storage 5.3 Clean, check, maintain and store plant, tools and equipment 5.4 Carry out housekeeping activities

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

RIICRM301A Conduct ride on road marking operations

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIICRM301D Conduct ride on road marking operations

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies applicable legislation, documentation, policies and procedures
- works effectively with others to undertake and complete the ride on road marking operations that meets all of the required outcomes including:
 - communicating clearly and concisely with others to receive and clarify work instructions
 - using a range of communication techniques and systems such as signage to advise others of work activity and exclusion zone
- demonstrates completion of conducting ride on the road marking operation that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - selecting and inspecting for faults in plant, tools and equipment
 - identifying, reporting and recording hazards, risks and environmental issues
 - conducting pre-start, start-up, park up, shutdown and secure equipment maintenance procedures
 - placement of new lines for a minimum of one (1) kilometre of each of the following, with a ride on road marking machine to the specified tolerance:
 - centre line (to include separation line, barrier line one direction and barrier lines both directions)
 - edge lines
 - re-marking over existing lines for a minimum of one (1) kilometre of each of the following, with a ride on road marking machine to the specified tolerance:

- centre line (to include separation line, barrier line one direction and barrier lines both directions)
- edge lines

Knowledge Evidence

The candidate must demonstrate knowledge in conducting ride on road marking operations through:

- accessing, interpreting and applying legislative, organisation and site requirements and procedures for:
 - work, health and safety
 - equipment operation
 - operational, maintenance and basic diagnostics
 - JSAs/safe work method statements
 - housekeeping
- identifying and applying road markings
- identifying equipment types, characteristics, technical capabilities and limitations
- complying with project quality requirements
- identifying and using civil construction terminology
- complying with site isolation and traffic control responsibilities and authorities
- identifying road marking materials
- applying ride on road marking activities and techniques
- complying with safety data sheets and materials handling methods
- applying processes for the calculation of material requirements, application rates and travel speed
- being prepared for fire/accident/emergency

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,

- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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