



Australian Government

RIICRM204D Prepare surface for road marking

Release: 2

RIICRM204D Prepare surface for road marking

Modification History

Release	Comment
1	This unit replaces RIICRM204A Prepare surface for road marking
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 prepare surface for road marking 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 for preparing surface for road marking	1.1 Access, interpret and apply surface road marking preparation 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. Prepare surface and set out	2.1 Remove hazards and fixtures from the area 2.2 Select equipment and/or product and prepare for removing markings 2.3 Identify location for line marking 2.4 Clear area of dirt, debris and other contaminants 2.5 Set out the location for line marking with control points to drawings/job requirements 2.6 Spot straight lines and curves in preparation for marking 2.7 Remove pre-existing visible marks/lines
3. Clean up	3.1 Clear work area and dispose of or recycle materials 3.2 Store unused materials in accordance with job requirements 3.3 Clean, check, maintain and store plant, tools and equipment 3.4 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

RIICRM204A Prepare surface for road marking

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 RIICRM204D Prepare surface for road marking

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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 documentation, policies and procedures
- works effectively with others to undertake and complete the preparation of surface for road marking 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 preparation of surface for road marking 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
 - identifying location of line marking and clearing area from dirt, debris, contaminants, hazards and fixtures
 - spotting straight lines and curves in the area
 - removing pre-existing marks/lines that are visible
 - completing removal of at least fifty (50) meters of pre-existing visible marks/lines using at least one of the following on three (3) separate occasions;
 - water grit blasting
 - shot blasting
 - grinding

- sand blasting
- water blasting

Knowledge Evidence

The candidate must demonstrate knowledge in preparing a surface for road marking through:

- 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
 - applying road markings
- equipment types, characteristics, technical capabilities and limitations
- complying with project quality requirements
- identifying and using civil construction terminology
- site isolation and traffic control responsibilities and authorities
- interpreting road markings
- identifying and using road marking materials
- applying processes for the calculation of material requirements, application rates and curing times
- applying substrate preparation techniques and processes
- using redundant marking removal materials and primers
- complying with safety data sheets and materials handling methods
- 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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