



Australian Government

RIICRM202E Handle and store road marking materials

Release: 1

RIICRM202E Handle and store road marking materials

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 handle and store road marking materials in civil construction, including manually and mechanically handling materials, and handling and removing waste safely.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures and take some responsibility for the quality of work outcomes.

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 handle and store road marking materials	1.1 Obtain, interpret, clarify and confirm work instructions 1.2 Access, interpret and apply documentation required to handle and store road marking materials 1.3 Select plant, tools and equipment required to carry out work activities and check for faults 1.4 Identify and address potential risks, hazards and environmental issues, and implement control measures within scope of own role 1.5 Select and wear personal protective equipment required for work activities 1.6 Obtain and interpret emergency procedures and identify steps

ELEMENT	PERFORMANCE CRITERIA
	required to respond to emergencies
2. Manually handle road marking materials	2.1 Identify, select and sort road marking materials according to job requirements 2.2 Identify handling characteristics of materials and apply required manual handling techniques 2.3 Apply specific handling requirement for hazardous materials 2.4 Place materials in a safe location and confirm they are clear of traffic ways and able to be easily identified, retrieved and not damaged 2.5 Erect signage and barricades where applicable, and isolate stored materials from workplace traffic or public access
3. Mechanically handle materials	3.1 Prepare materials for mechanical handling 3.2 Conduct loading, unloading, moving, locating and installing of materials according to job and safety requirements
4. Handle and remove waste safely	4.1 Identify hazardous material for separate handling 4.2 Handle waste materials according to safety and site requirements 4.3 Dispose of non-toxic materials according to site requirements
5. Conduct clean-up activities	5.1 Clear work area according to site requirements 5.2 Stack, stockpile and store unused materials according to site requirements 5.3 Clean, check, perform maintenance on and store plant, tools and equipment according to manufacturer specifications and site requirements 5.4 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 material requirements and travel speed
Self-management	Monitors and minimises own exposure to worksite risks and hazards during work activities
Writing	Completes basic records using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIICRM202D Handle and store road marking materials.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for RIICRM202E Handle and store road marking materials

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- handle and store road marking materials on at least two occasions, including:
 - completing safe storage procedures for at least two of the following materials on at least two projects:
 - paint
 - solvent
 - glass beads
 - epoxy
 - additives
 - thermo-plastic.

During the above, the candidate must:

- locate and apply required documentation, policies and procedures
- implement the requirements, procedures and techniques to handle and store road marking materials, including:
 - applying required handling techniques for different materials
 - identifying, reporting and recording hazards and risks
 - storing materials in an isolated area from workplace and public access
 - erecting signage and barricades
 - applying required Safety Data Sheets (SDS)
- work with others to handle and store road marking materials that meets required outcomes, including applying a range of communication techniques to communicate to others.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- policies, procedures and documentation required to handle and store road marking materials, including those relating to:
 - work health and safety
 - handling hazardous materials
 - emergency response
 - equipment operation
 - work instructions
 - operational, maintenance and basic diagnostics
 - mobile traffic control and general traffic control
 - project quality requirements
 - Safety Data Sheets (SDS) and materials handling methods
 - Job Safety Analyses (JSAs)/Safe Work Method Statements (SWMS)
 - site isolation and traffic control responsibilities
 - site requirements
 - manufacturer specifications for required plant and equipment
 - housekeeping activities, including:
 - cleaning work area
 - cleaning and maintaining condition of equipment
 - waste management
 - processing records
- equipment types, characteristics, technical capabilities and limitations for handling and storing road marking materials
- manual handling techniques
- civil construction terminology relevant to handling and storing road marking materials
- processes for calculating travel speed
- processes for calculating material requirements.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
 - personal protective equipment
 - equipment required to handle and store road marking materials
- be conducted in a safe environment; and,
- be assessed in the context of this sector's work environment; and,
- be assessed in compliance with relevant legislation/regulation and using policies, procedures and processes directly related to the industry sector for which it is being assessed; and,

- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work environment* provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

Assessor requirements

Assessors must be able to clearly demonstrate current and relevant industry knowledge and experience to satisfy the mandatory regulatory standards as set out in the Standards for Registered Training Organisations 2015/Australian Quality Training Framework mandatory requirements for assessors current at the time of assessment and any relevant licensing and certification requirements. This includes:

- vocational competencies at least to the level being delivered and assessed
- current industry skills directly relevant to the training and assessment being provided
- current knowledge and skills in vocational training and learning that informs their training and assessment
- formal relevant qualifications in training and assessment
- having knowledge of and/or experience using the latest techniques and processes
- possessing the required level of RII training product knowledge
- having an understanding and knowledge of legislation and regulations relevant to the industry and to employment and workplaces
- demonstrating the performance evidence, and knowledge evidence outlined in this unit of competency, and
- the minimum years of current** work experience after competency has been obtained as specified below in an industry sector relevant to the outcomes of the unit.

It is also acceptable for the appropriately qualified assessor to work with an industry expert to conduct assessment together and for the industry expert to be involved in the assessment judgement. The industry expert must have current industry skills directly relevant to the training and assessment being provided. This means the industry subject matter expert must demonstrate skills and knowledge from the minimum years of current work experience after competency has been obtained as specified below, including time spent in roles related to the unit being assessed:

Industry sector	AQF indicator level***	Required assessor or industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Infrastructure	1	1 year
	2	2 years
Drilling, Coal Mining, Extractive (Quarrying), Metalliferous Mining and Civil Infrastructure	3-6	3 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.
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*Guidance on simulated environments has been stipulated in the RII implementation guide located on VETNet.

**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 a minimum number of site assessments as determined by the relevant industry sector, across various locations.

***While a unit of competency does not have an AQF level, where a unit is being delivered outside of a qualification the first numeric character in the unit code should be considered as the AQF indicator level for assessment purposes.

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