



Australian Government

RIICRC405E Carry out pavement condition measurement

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 carry out pavement condition measurement in civil construction, including preparing team members to carry out tasks and overseeing and reporting on task execution.

It applies to those working in supervisory or technical specialist roles. They generally perform a broad range of operational activities in their area of responsibility and are responsible for monitoring a safe work environment.

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 carry out pavement condition measurement	1.1 Obtain, interpret, clarify and confirm work requirements 1.2 Access, interpret and apply documentation required to carry out pavement condition measurement and confirm work activity is compliant 1.3 Identify and address potential risks, hazards and environmental issues and implement control measures 1.4 Select and wear personal protective equipment according to site requirements 1.5 Identify, obtain, confirm and implement signage requirements

ELEMENT	PERFORMANCE CRITERIA
	1.6 Select, check all tools and equipment required to carry out tasks and report on faults 1.7 Prepare job plan according to job requirements in coordination with required team members
2. Carry out pavement condition measurement	2.1 Confirm required resources are available to meet job requirements 2.2 Communicate and clarify instructions with team members and other involved personnel according to job requirements 2.3 Measure pavement conditions using required tools and equipment according manufacturer specifications and job and site requirements 2.4 Monitor movements and hazards and identify and communicate changes to work environment
3. Complete post-operational requirements	3.1 Validate reading recorded by pavement condition measurement equipment against job requirements 3.2 Complete and submit reports according to site requirements 3.3 Recommend required changes to confirm task execution meets job requirements
4. Conduct housekeeping activities	4.1 Check and confirm work area is cleared and materials are disposed of, reused, recycled or stored according to site requirements 4.2 Clean, check, maintain and store machinery, tools and equipment according to manufacturer specifications and 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	<ul style="list-style-type: none"> Calculates resourcing requirements and performs mathematical calculations
Oral communication	<ul style="list-style-type: none"> Conveys information and requirements clearly and listens actively
Writing	<ul style="list-style-type: none"> Prepares information that complies with requirements, using sector-specific vocabulary, grammatical structures and conventions

Unit Mapping Information

Supersedes and is equivalent to RIICRC405D Carry out pavement condition measurement.

Links

Companion Volume Implementation Guide is found on VETNet -

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