



**Australian Government**

**Assessment Requirements for  
RIICWM502D Implement civil works  
maintenance program**

**Release: 2**

## Assessment Requirements for RIICWM502D Implement civil works maintenance program

### Modification History

Release	Comment
1	This unit replaces RIICWM502A Implement civil works maintenance program
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.

### 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 relevant legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient implementation of civil works maintenance programs including, accessing, interpreting and applying:
  - legislative, organisation and site requirements and procedures
  - project plans and drawings
  - project specifications
  - project maintenance works briefs
  - project engineering survey information
  - project hydrological data
  - meteorological data
  - project geotechnical data
  - inspection data
  - innovative solutions and new technology
  - consultative processes
  - project scheduling and resource management technology
  - negotiation techniques
  - feedback techniques
- works effectively with others to implement the civil works maintenance programs that meets all the required outcomes including:

- providing clear and timely instruction and supervision using a range of communication techniques to those involved
- preparing for and conducting briefings, toolbox and site meetings
- maintaining clear and legible written records and the reporting systems
- consulting with stakeholders
- demonstrates completion of implementing civil works maintenance program that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
  - successful implementation of civil works maintenance program including providing instruction to others using one (1) of the following methodologies:
    - project plans
    - briefings
    - handovers
    - work orders
    - toolbox meetings
    - site meetings
  - schedule of inspection programs
  - classify the levels of the serviceability of assets
  - prioritise maintenance works
  - provide team leadership and coordination
  - choose appropriate maintenance operational techniques
  - develop and apply works maintenance programs
  - calculate of maintenance works resource quantities and project costs
  - maintain maintenance works cost records
  - provide clarification and advice

## **Knowledge Evidence**

The candidate must demonstrate knowledge in implementing civil works maintenance programs through:

- accessing, interpreting and applying legislative, organization and site requirement and procedures for:
  - risk assessment and management
  - statutory compliance
  - work, health and safety
  - environmental management
  - quality management
  - communication
  - inspection program scheduling
  - inspection data interpreting
  - asset condition classification

- maintenance works prioritisation
- Industry and organisational maintenance works
- maintenance program review
- maintenance program documentation
- maintenance program reporting
- maintenance program approval
- maintenance program records filing
- performance review
- team leadership techniques
- principles of road user behavior

## 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

## Links

Companion Volume implementation guides are found in VETNet -

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