



**Australian Government**

# **Assessment Requirements for RIICCM208D Carry out basic levelling**

**Release: 3**

# Assessment Requirements for RIICCM208D Carry out basic levelling

## Modification History

| Release | Comment   |
|---------|---|
| 1       | This unit replaces RIICCM208A Carry out basic levelling.  |
| 2       | Editorial corrections<br>Amended Performance Evidence.  |
| 3       | Required frequency and volume of evidence amended in Performance evidence.<br>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 applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of basic levelling including:
  - selecting and using relevant tools/equipment
  - carrying out basic leveling mathematics
  - following basic civil construction processes
  - communicating effectively to confirm work requirements/plans/drawings
- works effectively with others to undertake and complete the basic levelling in a way that meets all of the required outcomes, including:
  - using a range of communications techniques and equipment to convey information to others
  - complying with written and verbal reporting requirements and procedures
- demonstrates completion of carrying out basic levelling that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
  - conducting different levelling tasks, at least one (1) utilising an automatic level. One (1) of the tasks must include closed traverse utilising *either* the height of instrument *or* rise and fall method of reduction

- conducting a peg test with an automatic level, to confirm instrument meets manufacturer's tolerances
- accurately recording of the results of each levelling procedure to organisational requirements

## Knowledge Evidence

The candidate must demonstrate knowledge of the following when carrying out basic levelling:

- accessing, interpreting and applying the organisation and site requirements and procedures for:
  - using JSAs/JSEA/safe work methods
  - achieving project quality outcomes
  - identifying and reporting on hazards related to the worksite and work activity
  - applying materials handling methods and using safety data sheets
- organising work activities
- using relevant tools and equipment safely
- identifying leveling devices, characteristics, technical capabilities and limitations
- read, interpret and applying civil construction plan, symbols and construction terminology
- identifying site isolation and traffic control responsibilities and authorities
- completing housekeeping activities

## 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 is best assessed in the context of this sector's work environment;
- where personal safety or environmental damage are limiting factors, assessment may occur in a simulated 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; 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>