



**Australian Government**

# **Assessment Requirements for RIICRC316D Place and compact concrete**

**Release: 2**

# Assessment Requirements for RIICRC316D Place and compact concrete

## Modification History

Release	Comment
1	This unit replaces RIICRC316 Place and compact concrete
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 applicable documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient placement and compaction of concrete including:
  - accessing, interpreting and applying documentation for placing and compacting concrete
  - identifying and applying relevant specifications to all work activities
  - identifying, addressing and reporting potential hazards and risks
  - identifying, obtaining, confirming and implementing signage requirements
  - selecting and checking for faults all plant, tools and equipment to carry out tasks
  - identifying, addressing and reporting environmental issues
- works effectively with others to undertake the placement and compaction of concrete that meets all of the required outcomes including:
  - preparing for and organising work activities to meet all task requirements
  - communicating clearly and concisely with others to receive and clarify work instructions
  - using a range of communication techniques and aids to advise others of work activity and exclusion zones
  - monitoring movements and hazards and identifying and communicating changes to the work environment during the work process

- demonstrates completion of placing and compacting concrete that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
  - defining and preparing work, locating plant, tools and equipment to suit planned placement and undertaking pre-pour inspections
  - placing concrete using a minimum of two (2) of the following techniques
    - kibble
    - pumping equipment
    - shovelling
    - tremmies
    - truck placed
    - vibrating
    - wheelbarrows
  - using method/s used to avoid segregation of concrete
  - compacting or vibrating concrete to specifications
  - using techniques to finish concrete
  - screeding concrete to correct levels and grades
  - clearing work area and disposing of, recycling or storing materials
  - cleaning, checking, maintaining and storing plant, tools and equipment

## Knowledge Evidence

The candidate must demonstrate knowledge in placing and compacting concrete through:

- accessing, interpreting and applying the organisation and site requirements and procedures for:
  - identifying and managing risks
  - identifying, addressing and reporting environmental issues
  - setting up work activity
  - site isolation, signage, erecting barriers and traffic control
  - work health and safety
  - managing waste
  - selecting and checking for faults, all tools and equipment to carry out tasks
  - carrying out work to specifications
  - manufacturer's design specifications
  - applying effective techniques for placing and compacting concrete

## 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>