



Australian Government

Assessment Requirements for RIICRC316D Place and compact concrete

Release: 1

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Modification History

Not applicable.

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 consistent, timely placement and compaction of concrete that safely, effectively and efficiently meet all of the required outcomes on a minimum of three (3) separate occasions 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
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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 using Resources and Infrastructure Industry sector specific policies, procedures, processes and operational manuals; and,
- an assessor must demonstrate the skills and knowledge of this unit through five (5) years' work experience in the Industry sector; and,
- where the assessor does not have current experience a co-assessment or partnership arrangement needs to exist between the qualified assessor and an Industry technical expert/ subject matter expert. The Industry technical expert/subject matter expert must hold the unit being assessed and be currently working in the sector with a minimum of two (2) years' of current work experience
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Links

SkillsDMC RII Companion Volumes - <http://www.skillsdmc.com.au/>