



Australian Government

Assessment Requirements for RIICRC301D Maintain drainage systems

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 safe, effective and efficient drainage system maintenance including:
 - accessing, interpreting and applying documentation relevant to the maintenance of drainage systems
 - identifying and applying relevant drawings and job 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 and ground conditions
 - determining temporary stormwater diversion requirements
- works effectively with others to undertake and complete the maintenance of drainage systems 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 hazards and identifying and communicating changes to the work environment during the work process
- demonstrates consistent, timely completion of drainage system maintenance that safely, effectively and efficiently meet all of the required outcomes on a minimum of three (3) separate occasions including:
 - maintaining drainage components to design specifications and functional requirements
 - applying techniques for locating faults in drainage systems
 - excavating and repairing drainage systems
 - conducting inspection and testing of repaired drainage system
 - maintaining open drains to correct line and fall
 - finishing surfaces adjoining open drains for ease of run off
 - undertaking adequate erosion control methods
 - inspecting, clearing and repairing culverts
 - clearing work area and disposing of, recycling or storing materials
 - sealing and storing/packing unused materials
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Knowledge Evidence

The candidate must demonstrate knowledge of maintaining drainage systems through:

- accessing, interpreting and applying organisation and site requirements and procedures for:

- identifying and managing risks
- identifying, addressing and reporting environmental issues and ground conditions
- setting up work activity
- site isolation and traffic control responsibilities
- work health and safety
- managing waste
- selecting and checking for faults, tools and equipment to carry out tasks
- carrying out work to drawings and specifications
- applying effective maintain drainage systems techniques
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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.

Links

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