



**Australian Government**

# **Assessment Requirements for RIISAM301D Test operational functions of vehicles and equipment**

**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 relevant legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient testing of the operational functions of vehicles and equipment including:
  - applying site safety procedures
  - using hand and power tools
  - carrying out precision measurements
  - accessing and using the site inventory system
  - operating vehicles/equipment for test purposes
  - interpreting test results
- works effectively with others to test the operational functions of vehicles and equipment that meets all of the required outcomes including:
  - complying with written and verbal reporting requirements and procedures
  - communicating clearly and concisely with others to receive and clarify work instructions
  - communicating clearly and concisely with others to coordinate work activities
- demonstrates consistent and timely completion of testing of operational functions of vehicles and equipment that safely, effectively and efficiently meets the required outcomes on a minimum of two (2) separate occasions including:
  - carrying out pre-start, start-up, shut-down and isolation procedures
  - identifying and diagnosing faults
  - testing the operational functions of a vehicle
  - moving and relocating a vehicle
  - cleaning, maintaining and storing equipment and tools
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## Knowledge Evidence

The candidate must demonstrate knowledge in testing operational functions of vehicles and equipment through:

- accessing, interpreting and applying legislative, organisation and site requirements and procedures for:
  - workplace health and safety
  - mine operations
  - diagnosis and fault finding
  - site equipment and maintenance
  - documentation and record keeping
  - testing
- identifying operations, characteristics, capabilities and limitations of mine vehicles and equipment
- accessing and using site inventory (parts) systems

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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 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 using Resources and Infrastructure Industry sector specific policies, procedures, processes and operational manuals; and,
- assessor requirements differ between sectors as follows:
  - when assessing this unit in the context of the **Metalliferous Mining** sector:
    - an assessor must demonstrate the skills and knowledge of this unit through five (5) years of current and continuous work with the Industry sector and must hold the TAE Assessor Skill Set or equivalent; or,
  - when assessing this unit in the context of the **Coal Mining** sector:
    - an assessor must demonstrate the skills and knowledge of this unit through twelve (12) month work experience in an Industry relevant to the skills being assessed within the last three (3) years; 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 demonstrate competency in the unit being assessed, and be currently working in the sector with a minimum of twelve (12) months' work experience within the last three (3) years.

## Links

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