



**Australian Government**

# **Assessment Requirements for RIIV305D Operate and maintain a four wheel drive vehicle**

**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 documentation, policies and procedures
- works effectively with others to undertake and complete effective operation and maintenance of a four wheel drive vehicle to meet all 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
- demonstrates the requirements, procedures and techniques for the operation and maintenance of a four wheel drive vehicle that safely, effectively and efficiently meet all of the required outcomes on a minimum of three (3) separate occasions including:
  - performing pre-departure checks
  - selecting and programming navigation equipment
  - operating a four wheel drive vehicle on and off road
  - applying correct braking techniques according to terrain
  - engaging four wheel drive mode
  - carrying out stop stall key start recovery procedures
  - selecting routes and applying techniques to minimise damage to the environment
- identifying and using recovery equipment including:
  - hooks
  - single snatch straps
  - identifying and applying techniques for joining two (2) snatch straps
  - performing recovery of four wheel drive
  - operating a jack to support a four wheel drive on unstable ground
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## Knowledge Evidence

The candidate must demonstrate knowledge of the following when operating and maintaining a four wheel drive vehicle through:

- apply problem solving skills to operation and maintenance of a four wheel drive vehicle
- recording, reporting and handover procedures
- technical information, including manufacturer's manuals related to operation and maintenance of a four wheel drive vehicle
- operating vehicles within specifications and limitations
- faults in vehicles and ancillary equipment
- driving techniques and handling characteristics of four-wheel drives in different terrain
- differences between optional four-wheel drive and constant four-wheel drive vehicles and their impacts on vehicle operation and capability

- tyre management principles
- hazards associated with vehicle recovery
- travelling in convoy
- area restrictions
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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,
- assessor requirements differ between sectors as follows:
- when assessing this unit in the context of the Drilling sector:
  - an assessor must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through five (5) years of work in the Industry sector; or,
  - where a co-assessment or partnership arrangement exists between a qualified assessor and an Industry technical expert, the Industry technical expert can hold the unit being assessed, and/or demonstrate equivalency of skills and knowledge at the unit level. An Industry technical expert must also demonstrate a minimum of three (3) years of continuous work in the Industry sector, with the preceding one (1) year in the unit they are co-assessing; or,
- 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; or,
- when assessing this unit in the context of the Extractive sector
  - 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; or,
- when assessing this unit in the context of the Civil Construction sector

- 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/>