



**Australian Government**

# **Assessment Requirements for RIIMPO301D Conduct hydraulic excavator operations**

**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
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of hydraulic excavator operations including:
  - conducting prestart checks prior to commencing operations and shutdown procedures on completion of operations
  - carrying out vehicle refuelling requirements and procedures
  - applying safe work practices and identifying and reporting all potential hazards, risks and environmental issues
  - applying problem solving and troubleshooting techniques
  - conducting bucket loading and discharge
  - side casting bulk materials
  - distributing bulk materials into materials handling equipment
  - inspection and preparation of work area
  - conducting equipment positioning
- works effectively with others to undertake and complete hydraulic excavator operations that meets all of the required outcomes including:
  - using a range of communications techniques and equipment to convey information to others
  - maintaining written and verbal reporting requirements and procedures
  - communicates with others in and around the trench before commencing work, during and on completion of the work
- demonstrates consistent timely completion of hydraulic excavator operations that safely, effectively and efficiently meets the required outcomes on a minimum of three (3) occasions including:
  - driving and operating the excavator for operations adjusting equipment operations to suit site conditions
  - walking the machine in a straight line
  - jump turning the machine
  - connecting auxiliary hydraulic lines and buckets/attachments
  - cleaning the undercarriage out as needed
  - keeping clear of obstacle and not running over items
  - effectively using the heel of the bucket
  - correctly shutting down and parking the excavator equipment
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## Knowledge Evidence

The candidate must demonstrate knowledge in conducting hydraulic excavator operations through:

- complying with worksite inspection requirements

- applying signage and barricade requirements
- communicating and performing isolation procedures
- identifying equipment processes, technical capability and limitations
- identifying, interpreting and using geological and technical data (basic)
- being prepared for fire/accident/emergency
- identifying signs of operator fatigue and how it should be managed identifying
- applying site quality requirements
- applying operational, maintenance and basic diagnostics
- completing housekeeping activities
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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 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.
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## Links

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