



Australian Government

Assessment Requirements for RIIMPO330D Conduct bucket-wheel 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 bucket-wheel operations including:
 - conducting prestart checks prior to commencing operations and shutdown procedures on completion of operations
 - carrying out vehicle refuelling requirements and procedures
 - driving and operating the equipment to site conditions
 - applying safe work practices and identifying and reporting all potential hazards, risks and environmental issues
 - applying problem solving and troubleshooting techniques
 - selecting and using the required tools and equipment
 - safely parking and securing of equipment
- works effectively with others to undertake and complete bucket-wheel operations that meet 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
 - communicating clearly and concisely with others to receive and clarify work instructions
- demonstrates consistent timely completion of bucket-wheel operations that safely, effectively and efficiently meet the required outcomes on a minimum of three (3) separate occasions including:
 - completion of operations to work plan including:
 - the positioning and digging of burden as part of a terrace dig
 - rehandling and responding to changes in depth, grade and crossfall
 - relocating bucket-wheel excavator
 - identify and respond to alarms and signals
 - drive and operate bucket-wheel
 - steer, travel and maintain alignment of bucket-wheel
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Knowledge Evidence

The candidate must demonstrate knowledge of conducting bucket-wheel operations through:

- identifying, interpreting ground conditions
- communicating and performing isolation procedures
- identifying equipment characteristics, technical capabilities and limitations
- being prepared for fire/accident/emergency
- identifying signs of operator fatigue and how it should be managed identifying
- complying with project quality requirements
- applying operational, maintenance and basic diagnostics

- completing housekeeping activities
- applying site environmental requirements and constraints
- reading and interpreting site geological and survey data
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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 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.
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Links

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