



Australian Government

**Assessment Requirements for RIISAM314D
Manage oil and gas drilling equipment
maintenance**

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 management of oil and gas drilling equipment maintenance including:
 - apply legislative, organisation and site requirements and procedures
 - apply equipment/consumables order procedures
 - apply reporting procedures
- works effectively with others to undertake and complete oil and gas drilling equipment maintenance 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 resolve coordination requirements prior to commencing and during work activities
- demonstrates consistent timely completion of oil and gas drilling equipment maintenance that safely, effectively and efficiently meets the required outcomes on a minimum of three (3) separate occasions including:
 - testing materials and equipment
 - monitoring availability of new and used equipment
 - applying cost benefit analysis
 - managing stock levels and ordering spare parts and consumables
 - checking manufacturer's manuals/company procedures for currency and relevancy
 - checking new and used equipment
 - planning and organising maintenance and overhauls
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Knowledge Evidence

The candidate must demonstrate knowledge in managing oil and gas drilling equipment maintenance through:

- accessing, interpreting and applying legislative, organization and site requirements and procedures for:
- identifying and managing risks
 - identifying, addressing and reporting environmental issues
 - setting up work activity
 - work health and safety
 - identifying and correcting operational faults
- identifying equipment and ancillary attachment characteristics, technical capabilities and limitation
- identifying wear parts and relative frequency of replacement
- describing purpose of stock control

- interpreting financial transactions (e.g. cash flow, cost benefit analysis)
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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 performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through five (5) years of work in the Industry sector; and,
- 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.
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