



Australian Government

Assessment Requirements for RIIWSV201D Perform well servicing rig floor operations

Release: 3

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Modification History

Release	Comment
1	This is a new unit
2	Editorial corrections
3	Required frequency and volume of evidence amended in Performance evidence. Substantial amendments made in Assessment Conditions field, including: references to Industry Sectors, assessor and subject matter expert experience requirements, how assessment should be conducted and what it should confirm.

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 well servicing rig floor operations 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 throughout work activities
- demonstrates completion of well servicing rig floor operations that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - correctly babbitt the wire line sockets
 - assisting in the preparation and running of blow out prevention (BOP) stack, riser and diverter package
 - prepares and runs the drill string:
 - well servicing rig floor operation
 - assisting as directed in preparing, running and cementing of casing:
 - checks the slips, elevator slips, elevator and tongs, including power tongs
 - makes up the tubing hanger and float or baffle collar correctly
 - fills the casing safely and with the required frequency
 - thoroughly clean one mud tank and pre-mix any required mud materials
 - preparing and operating pipe handling equipment:
 - checks and overhaul the rig tongs and slips
 - checks the chains and operate pipe spinner correctly
 - assists in making a conventional drilling connection using correct procedures
 - applies the additional safety regulations in force whilst flow testing a well
 - assists in rigging up the electro-logging sheave cable, and know the patterns and positions of its hanging points
 - works effectively with others to undertake and complete well servicing rig floor operations that meets all of the required outcomes

Knowledge Evidence

The candidate must demonstrate knowledge of applying the performing well servicing rig floor operations through:

- accessing, interpreting and applying the organisation and site requirements and procedures
- rig safety and emergency procedures
- maintaining safe practices when Well Loggers are handling explosives or radioactive materials company and statutory safety guidelines, procedures and practices
- identifying the characteristics of stored energy
- complying with equipment safe operating procedures
- running and cementing casing
- knowledge of equipment condition and reporting mechanisms
- identifying the function of the triangular mark stamped just above the casing
- identifying the steps taken if the well kicks whilst running casing
- using various lubrication techniques
- carrying out rig maintenance
- identifying thread types
- using torque values for differing thread typesmilling operations
- performing conversion between metric and imperial
- using range of numerical calculations and measurements including:
 - length
 - quantities
 - volumes
 - conversion rates
- carrying out well control

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 in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,
- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years

Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

Links

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