



Australian Government

RIISV302D Well servicing trip production tubing / work string

Release: 3

RIISV302D Well servicing trip production tubing / work string

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.

Application

This unit describes a participant's skills and knowledge required to apply well servicing trip production tubing / work string in Drilling.

This unit is appropriate for those working in operational roles.

Licensing, legislative, regulatory and certification requirements that may apply to this unit can vary between states, territories, and industry sectors. Relevant information must be sourced prior to application of the unit.

Unit Sector

Drilling (Well Servicing)

Elements and Performance Criteria

1 Plan and prepare for operations	1.1 Access, interpret and apply compliance documentation and ensure the work activity is compliant 1.2 Identify, obtain and wear personal protective equipment 1.3 Obtain, read, confirm and apply work instructions 1.4 Identify, manage and report all potential hazards 1.5 Select and use/wear personal protective equipment and protective clothing 1.6 Resolve coordination requirements with others at the site prior to commencing and during work activities and ensure briefings/handover details are read/passed on
-----------------------------------	--

	1.7 Confirm availability and status of necessary permits to work in accordance with operational and legislative requirements 1.8 Confirm availability of necessary third party utilities in accordance with operational requirements
2 Prepare to trip tubulars	2.1 Check grade/s of tubing 2.2 Supervise crew in correctly positioning tubing on racks 2.3 Accurately measure and record tubing 2.4 Identify joint by the numerical order in which it will be run in the hole and its measured length 2.5 Supervise crew to remove thread protectors, drift tubing, clean and lubricate threads 2.6 Check for damage to joints, threads and sealing surfaces 2.7 Assemble and check operating conditions of tubing running equipment, including slips, tongs, elevators, dog collar, protectors and tailing ropes 2.8 Line up pumps to fill casing/take fluid during tripping operation 2.9 Prepare pipe racking system to stand back, run in, lay down or pick-up pipe, where applicable
3 Trip tubulars and operate racking system	3.1 Visually check the elevator latch, identify faults and report 3.2 Release pipe from elevators and rack in proper position and secure when pulling out of the hole 3.3 Latch elevators onto tubulars and stabilise while stabbed

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit. Further information is available in the Resources and Infrastructure Industry Training Package Companion Volume.

Unit Mapping Information

No equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>

Assessment Requirements for RIISV302D Well servicing trip production tubing / work string

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 legislation, documentation, policies and procedures
- works effectively with others to undertake and complete the well servicing trip production tubing / work string tasks that meets all of the required outcomes including:
 - supervises and train subordinates to provided standards
 - works as directed in a timely and efficient manner
- supervises crew in correctly positioning pipe on pipe racks
- demonstrates completion of well servicing trip production tubing/work string that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - removing thread protectors, drift, clean and lubricate threads
 - checking joints for damage to threads, sealing surfaces and flapper valves where fitted
 - assembling and checking operating condition of running equipment, including slips, tongs, elevators, rubber clamp, protectors
 - lining up pumps to fill during running operations
 - working derrick correctly during tripping
 - steadying the pipe during stabbing
 - releases pick-up elevators when directed
 - correctly align pipe for make-up
 - correctly latch side door or slip type elevators

- checks grades of pipe
- measuring and recording pipe in the numerical order in which it will be run into the hole
- recognising and reporting equipment malfunction or failure

Knowledge Evidence

The candidate must demonstrate knowledge of well servicing trip production tubing/work string through:

- accessing, interpreting and applying the organisation and site requirements and procedures
- carrying out rig maintenance
- identifying types and characteristics of discharges including liquids, gases and solids
- identifying types and characteristics of hazardous materials
- carrying out inspection, fault finding and reporting requirements and procedures
- identifying thread identifications, pipe size and grade
- identifying pipe torque parameters
- carrying out non-routine operations
- determining and responding to roles and responsibilities
- personnel management

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

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>