



Australian Government

RIIWSV203E Prepare equipment for well servicing air operations

Release: 1

RIISV203E Prepare equipment for well servicing air operations

Modification History

Release	Comments
Release 1	This version first released with RII Resources and Infrastructure Industry Training Package Version 5.0.

Application

This unit describes the skills and knowledge required to prepare equipment for well servicing air operations in drilling. It prepares individuals to support and assist in the assembly of components for air operations, rig up blooie line, handle samples and assist in mixing of fluids for air and foam equipment operations.

It applies to those working in operational roles. They generally work under supervision to undertake a prescribed range of functions involving known routines and procedures.

Licensing, legislative and certification requirements that may apply to this unit can vary between states, territories, and industry sectors. Users must check requirements with relevant body before applying the unit.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare to assist with air operation	1.1 Obtain, read and confirm work instructions for the allocated task 1.2 Access, interpret and apply compliance documentation and confirm work activity is compliant 1.3 Identify and minimise environmental issues and potential hazards, and assess and address risks within scope of own role and according to workplace procedures 1.4 Communicate with other personnel on site as required and confirm briefings and handover details are communicated and received 1.5 Load, unload, move, handle, use to assemble air and auxiliary equipment 1.6 Select and use/wear personal protective equipment and protective clothing
2. Support and assist assembly of	2.1 Check and install valves and Ts to manifolds according to task instructions

ELEMENT	PERFORMANCE CRITERIA
components for air operations	2.2 Clean rotating/stripper/circulating head and confirm required sized ring gasket and nipple up 2.3 Check required sized rubber for drill string being used is available for use 2.4 Confirm and assemble well head line up for specified operation, including identifying how valve and mud cross are used differently to normal operations 2.5 Conduct engine checks on air pack 2.6 Conduct minor servicing on air pack including fluid level top ups greasing in accordance with manufacturer's instructions.
3. Rig up Blooie Line	3.1 Make up hammer union/flange connections 3.2 Space out stands at correct intervals and adjust heights ensuing a gradual decline towards the pit 3.3 Check stability of foundations for both stands and anchor blocks 3.4 Secure anchor blocks to blooie line 3.5 Connect all auxiliary lines to the blooie line, including bleed off line, jet lines, sample catcher, igniter
4. Handle samples	4.1 Obtain samples as required 4.2 Clean and service sampling equipment as required 4.3 Clear blockages in sample and delivery system as required according to safety requirements 4.4 Note and report possible changes to sample quality due to blockages
5. Assist mixing of fluids for air/foam equipment operations	5.1 Check labels and read and interpret Safety Data Sheet 5.2 Assist mix the fluid as required 5.3 Store fluid components and additives safely and according to requirements

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Oral communication	Listens to short, explicit instructions for work procedures and asks questions to clarify and confirm
Writing	Produces and completes workplace reports using appropriate vocabulary, grammatical structures and conventions
Self-management	Monitors and minimises own exposure to worksite hazards during

SKILL	DESCRIPTION
	activities

Unit Mapping Information

Supersedes and is equivalent to RIISV203D Prepare equipment for well servicing air operations.

Links

Companion Volume implementation guides is found on VETNet -

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