



**Australian Government**

# **RIWSV503E Manage and monitor rig-up operations**

**Release: 1**

## RIIWSV503E Manage and monitor rig-up 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 manage and monitor rig-up operations in drilling and well servicing. It prepares individuals to plan to manage and monitor rig-up operations, commence operations and prepare well control mix fluid.

It applies to those working in management roles. They generally perform tasks involving a high level of autonomy which require the application of significant judgement in planning and determining the selection of equipment, roles and techniques for themselves and others. They are required to demonstrate the application of a broad range of technical, managerial, coordination and planning skills.

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.

### Unit Sector

Drilling (Well Servicing)

### 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 manage and monitor rig-up operations | 1.1 Obtain, confirm and apply work instructions for the allocated task<br>1.2 Access, interpret and apply activity documentation and confirm work activity is compliant<br>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<br>1.4 Confirm personnel coordination requirements at the site are met prior to commencement of work activities |

| ELEMENT                           | PERFORMANCE CRITERIA  |
|-----------------------------------|---|
| 2. Commence operations            | <p>2.1 assess rig up well servicing program and communicate details</p> <p>2.2 identify number and expertise of personnel required and obtained according to job requirements</p> <p>2.3 assign crews tasks, communicate requirements verbally and supervise performance</p> <p>2.4 assess safety requirements and communicate to all parties</p> <p>2.5 undertake equipment checks and rectify and report faults as required according to legislative and company requirements</p> <p>2.6 establish effluent disposal</p> <p>2.7 supervise spotting and rig assembly and rectify performance issues as required</p> <p>2.8 arrange and supervise engine power start-up</p> |
| 3. Prepare well control mix fluid | <p>3.1 enforce fluid preparation and environmental requirements with crew members</p> <p>3.2 confirm circulation and rig up with crew</p> <p>3.3 undertake safety inspection, confirm with crew and confirm compliance with regulatory and company requirements</p> <p>3.4 check fluid mixing procedure and properties against well servicing program and confirm verbally with crew</p>  |

## 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   |
|-----------------|---|
| Reading         | <ul style="list-style-type: none"> <li>Identifies critical information from the organisational plan and work programs</li> </ul>                |
| Problem-solving | <ul style="list-style-type: none"> <li>Applies problem solving processes to identify risks, evaluate options and determine solutions</li> </ul> |
| Teamwork        | <ul style="list-style-type: none"> <li>Identify and implement coaching and mentoring arrangements and design required training plans</li> </ul> |

## Unit Mapping Information

Supersedes and is equivalent to RIIWSV503D Manage and monitor rig up operations.

## **Links**

Companion Volume implementation guides is found on VETNet -

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