



**Australian Government**

# **RINHB302D Conduct reaming**

**Release: 2**

## RIINHB302D Conduct reaming

### Modification History

Release	Comment
1	This unit replaces RIINHB302A Conduct reaming
2	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 conduct reaming in Drilling.

This unit is appropriate for those working in operational roles.

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

### Unit Sector

Drilling

### Elements and Performance Criteria

1. Plan and prepare for reaming	<p>1.1 Access, interpret and apply reaming documentation, and ensure the work activity is compliant</p> <p>1.2 Obtain, read, interpret, clarify and confirm work requirements</p> <p>1.3 Identify and address potential risks, hazards and environmental issues and implement control measures</p> <p>1.4 Select and wear appropriate personal protective equipment and appropriate for work activities</p> <p>1.5 Communicate and coordinate activities with others throughout the work activity</p> <p>1.6 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency</p>
---------------------------------	---

2. Complete back reaming/ reaming	<ul style="list-style-type: none"> <li>2.1 Select appropriate reaming tool(s)</li> <li>2.2 Carry out pre-start and start up procedures</li> <li>2.3 Lock out machine</li> <li>2.4 Remove drill head</li> <li>2.5 Connect appropriate reamer</li> <li>2.6 Check all safety precautions are in place and restart machine</li> <li>2.7 Reaming/back ream, adding/removing drill stem sections</li> <li>2.8 Monitor and interpret all gauge/dial readings</li> <li>2.9 Monitor and interpret drill fluid flow from both ends of hole</li> <li>2.10 Maintain communication with all relevant personnel</li> <li>2.11 Maintain drill log and reports as required</li> </ul>
3. Maintain equipment	<ul style="list-style-type: none"> <li>3.1 Carry out shutdown and secure equipment</li> <li>3.2 Monitor wear on drill stem, particularly threads</li> <li>3.3 Dress damaged threads or replace drill stem as required</li> <li>3.4 Check all equipment and hoses</li> <li>3.5 Monitor wear on reamers and take required action</li> <li>3.6 Clean all equipment on completion of reaming, ensuring environmental controls are followed</li> <li>3.7 Rotate drill stems in stack</li> <li>3.8 Ensure drill fluid is appropriately contained/disposed of</li> <li>3.9 Keep site safe for all possible users for the total duration of the job</li> <li>3.10 Leave site in a safe and tidy condition which complies with all relevant regulations</li> </ul>
4. Diagnose and respond to problems	<ul style="list-style-type: none"> <li>4.1 Identify possible problems in equipment or process</li> <li>4.2 Determine problems needing action</li> <li>4.3 Determine possible fault causes</li> <li>4.4 Rectify problem using appropriate solution within area of responsibility</li> <li>4.5 Follow through items initiated until final resolution has occurred</li> <li>4.6 Report problems outside area of responsibility to designated person</li> </ul>

## **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**

RIINHB302A Conduct reaming

## **Links**

Companion Volume implementation guides are found in VETNet -

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