



**Australian Government**

# **RIINHB216E Assist underground in-seam directional drilling**

**Release: 1**

## RIINHB216E Assist underground in-seam directional drilling

### 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 assist underground in-seam directional drilling in coal mining and drilling. It prepares individuals to support the underground in-seam directional drilling process by positioning, inspecting and carrying out basic maintenance on drilling equipment including drill rods, hoses and ancillary equipment.

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

No licensing, legislative or certification requirements apply to this unit at the time of publication.

### Unit Sector

Coal mining

Drilling

### 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 underground in-seam directional drilling	1.1 Obtain, read and confirm work requirements 1.2 Access, interpret and apply documentation required to assist underground in-seam directional drilling 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 Select and wear personal protective equipment required for work activities 1.5 Communicate with other personnel on site as required and

ELEMENT	PERFORMANCE CRITERIA
	confirm briefings and handover details are communicated and received 1.6 Obtain and interpret emergency procedures and identify steps in case of fire, accident and other emergencies 1.7 Load, unload and move tools and equipment according to safety requirements and workplace procedures
2. Support the underground in-seam directional drilling process	2.1 Position and number drill rods in readiness for drilling 2.2 Inspect in-hole drilling components for damage 2.3 Fit and remove in-hole drilling components to and from the drill string 2.4 Continually monitor hazards and risks, and confirm safety of self, other personnel, plant and equipment 2.5 Prepare for unplanned gas and water leakage
3. Carry out basic maintenance of tools and equipment	3.1 Monitor the drill rods for wear and damage and dress and grease threads 3.2 Rotate rods in stack as and when required 3.3 Perform inspections and routine checks on hoses and ancillary equipment and carry out remedial action 3.4 Confirm drill fluids are contained and disposed of as required 3.5 Complete housekeeping activities to workplace requirements 3.6 Process records according to workplace procedures

## 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	<ul style="list-style-type: none"> <li>Listens to short, explicit instructions for work procedures and asks questions to clarify and confirm</li> </ul>

## Unit Mapping Information

Supersedes and is equivalent to RIINHB216D Assist underground in-seam directional drilling.

## **Links**

Companion Volume implementation guides is found on VETNet -

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