



Australian Government

RIINHB210E Assist surface directional drilling

Release: 1

RIINHB210E Assist surface 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 surface directional drilling in coal mining and drilling. It prepares individuals to position, inspect and carry out basic maintenance of tools and equipment including drill rods, in-hole drilling components, 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 with surface directional drilling	1.1 Obtain, read and confirm work requirements 1.2 Access, interpret and apply surface directional drilling 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 Select and wear personal protective equipment required for work activities 1.5 Communicate with other personnel on site as required and confirm briefings and handover details are communicated and

ELEMENT	PERFORMANCE CRITERIA
	received 1.6 Load, unload and move tools and equipment according to safety and job requirements 1.7 Obtain and interpret emergency procedures and identify steps in case of fire, accident and other emergencies
2. Support the surface 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 Monitor hazards and risks, and confirm safety of self, other personnel, plant and equipment 2.5 Monitor operation for unplanned gas and water leakage and other environmental hazards
3. Carry out basic maintenance of tools and equipment	3.1 Monitor the drill rods for wear and damage, dress and grease threads 3.2 Rotate rods and replace as and when required 3.3 Perform inspections and routine checks on hoses and ancillary equipment and carry out remedial action 3.4 Confirm that drill fluids are contained and disposed of according to workplace procedures and environmental 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
Reading	Identifies and interprets information from workplace procedures and documentation

Unit Mapping Information

Supersedes and is equivalent to RIINHB210D Assist surface directional drilling.

Links

Companion Volume implementation guides is found on VETNet -

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