



**Australian Government**

# **RIINHB407D Supervise horizontal directional drilling operations**

**Release: 3**

# RIINHB407D Supervise horizontal directional drilling operations

## Modification History

| Release | Comment                                                                                                                                                                                                                                                                                                         |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | This unit replaces RIINHB407A Supervise horizontal directional drilling operations                                                                                                                                                                                                                              |
| 2       | Performance Criteria amended to make requirements more explicit.                                                                                                                                                                                                                                                |
| 3       | Required frequency and volume of evidence amended in Performance evidence.<br>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 supervise horizontal directional drilling operations in Civil construction and Drilling.

This unit is appropriate for those working in supervisory or technical specialist roles.

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

## Unit Sector

Civil construction

Drilling

## Elements and Performance Criteria

|                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Plan and prepare for supervising horizontal directional drilling operations | <p>1.1 Access, interpret and apply horizontal directional drilling operations documentation and ensure the work activity is compliant</p> <p>1.2 Access, interpret clarify and ensure the application of the specific task information for the required outcomes</p> <p>1.3 Prepare an operational plan, in consultation, which makes best use of the available resources and for the safe effective and efficient conduct of the operations</p> <p>1.4 Identify the training requirements of team members and develop training plans</p> |
| 2. Initiate                                                                    | 2.1 Acquire and make available the necessary resources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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| horizontal directional drilling operations                                                                | <p>2.2 Issue clear and timely instructions to team members and others involved</p> <p>2.3 Ensure compliance to training plans</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 3. Monitor, adjust, communicate and report on the execution of horizontal directional drilling operations | <p>3.1 Monitor the execution of operations</p> <p>3.2 Initiate adjustments to drilling practices or the operational plan to ensure safe, effective and efficient execution of the operations</p> <p>3.3 Provide advice to team members to overcome operational problems encountered during the execution of drilling operations.</p> <p>3.4 Ensure plant equipment and tools maintenance requirements are carried out and recorded</p> <p>3.5 Ensure reports are completed and submitted</p> <p>3.6 Recommend changes to improve the safety, efficiency and effectiveness of the execution of drilling operations.</p> |

## 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

No equivalent Unit

## Links

Companion Volume implementation guides are found in VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=88a61002-9a21-4386-aaf8-69c76e675272>