



Australian Government

RIINHB401D Plan and supervise the mobilisation of equipment, crew and materials

Release: 2

RIINHB401D Plan and supervise the mobilisation of equipment, crew and materials

Modification History

Release	Comment
1	This unit replaces RIINHB401A Plan and supervise the mobilisation of equipment, crew and materials
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 plan and supervise the mobilisation of equipment, crew and materials in Drilling.

This unit is appropriate for those working in supervisory or technical specialist 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 supervising the mobilisation of equipment, crew and materials	1.1 Access, interpret and apply mobilisation of equipment, crew and materials documentation and ensure the work activity is compliant 1.2 Obtain, read, interpret, clarify and confirm work requirements 1.3 Communicate and coordinate activities with others throughout the work activity 1.4 Obtain and interpret emergency procedures, and be prepared for fire/accident/emergency 1.5 Confirm drilling plan details with appropriate personnel/client 1.6 Develop and document, in consultation with team members,
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	the mobilisation plan, and communicate to relevant people
2. Plan hazard control procedures	2.1 Identify and address potential risks, hazards and environmental issues and implement control measures 2.2 Assess the nature, location and scope of hazard and/or risk 2.3 Determine site/job specific procedures for managing hazards and risks 2.4 Confirm hazard control procedures with relevant people 2.5 Document hazard control procedures and communicate to relevant people
3. Select and source equipment, services and supplies needed	3.1 Select appropriate rig(s) and components for the job 3.2 Select supplies, amenities and other consumables required for the job 3.3 Select required support plant/equipment/vehicles for the job and confirm serviceability 3.4 Select crew for the job 3.5 Develop checklists for all required equipment, supplies and personnel 3.6 Check selections and checklists against agreed plan
4. Initiate the mobilisation of the job	4.1 Organise the appointment of the crew 4.2 Organise for the induction of the crew to the job 4.3 Ensure that the crew are selecting personal protective equipment appropriate for work activities 4.4 Distribute checklists to appropriate people 4.5 Confirm availability of all required items 4.6 Confirm maintenance/service has been completed for all equipment/plant 4.7 Clarify job requirements and checklists with recipients of checklists 4.8 Organise/confirm accommodation and finance arrangements
5. Monitor mobilisation (including loading) and respond to problems	5.1 Monitor mobilisation 5.2 Identify possible problems 5.3 Determine problems needing action 5.4 Determine possible fault causes 5.5 Rectify problem using appropriate solution within area of responsibility

	5.6 Report problems outside area of responsibility to designated person
	5.7 Follow through items initiated until final resolution has occurred
	5.8 Identify and recommend improvements to mobilisation process

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

RIINHB401A Plan and supervise the mobilisation of equipment, crew and materials

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for RIINHB401D Plan and supervise the mobilisation of equipment, crew and materials

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Performance Evidence

Evidence is required to be collected that demonstrates a candidate's competency in this unit. Evidence must be relevant to the roles within this sector's work operations and satisfy all of the requirements of the performance criteria of this unit and include evidence that the candidate:

- locates and applies relevant legislation, documentation, policies and procedures
- implements the requirements, procedures and techniques for the safe, effective and efficient completion of planning and supervision of the mobilisation of equipment, crew and materials including:
 - planning and preparing for execution of the operations
 - assessing work/activity and determining appropriate equipment and operational techniques
 - developing, sharing and monitoring work plans
 - applying safe work practices and identifying and reporting all potential hazards, risks and environmental issues
 - reading, writing, preparing and completing reports and checklists
 - providing team leadership and organisation
 - using observation skills
- works effectively with others to plan and supervise the mobilisation of equipment, crew and materials including:
 - communicating clear and timely instructions to those involved
 - preparing for and conducting briefings, toolbox and site meetings
 - maintaining clear and legible written records and the reports

- demonstrates completion of planning and supervision of the mobilisation of equipment, crew and materials that safely, effectively and efficiently meets all of the required outcomes on more than one (1) occasion including:
 - development of an implementation action plan, in consultation with team members
 - execution of operations
 - completion of an improvement assessment report, in consultation with team members

Knowledge Evidence

The candidate must demonstrate knowledge in, when planning and supervising the mobilisation of equipment, crew and materials through:

- accessing, interpreting and applying legislative, organisation and site requirements and procedures for:
 - risk assessment and management
 - statutory compliance
 - workplace health and safety
 - environmental management
 - workplace communication
 - quality management
- work monitoring and continual improvement methods
- geology and its impact on drill requirements
- the relative benefits/limitations of different methods of drilling
- the relative benefits/limitations of different rigs
- the strengths and weaknesses of crews
- the heritage and environmental requirements
- budgeting procedures
- equipment selection criteria

Assessment Conditions

- An assessor of this unit must satisfy the requirements of the NVR/AQTF or their successors; and Industry regulations for certification and licensing; and,
- this unit must be assessed in the context of this sector's work environment; and,
- this unit must be assessed in compliance with relevant legislation/regulation and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed; and,
- assessment may be conducted in conjunction with the assessment of other Units of Competency; and,
- assessment must confirm consistent performance can be applied in a range of relevant workplace circumstances; and,

- assessors must demonstrate the performance evidence, and knowledge evidence as outlined in this Unit of Competency, and through the minimum years of current* work experience specified below in an Industry sector relevant to the outcomes of the unit; or,
- where the assessor does not meet experience requirements a co-assessment or partnership arrangement must exist between the qualified assessor and an Industry subject matter expert. The Industry subject matter expert should hold the unit being assessed (or an equivalent unit) and/or demonstrate equivalence of skills and knowledge at the unit level. An Industry technical expert must also demonstrate skills and knowledge from the minimum years of current work experience specified below in the Industry sector, including time spent in roles related to the unit being assessed; and,
- assessor and Industry subject matter expert requirements differ depending on the Australian Qualifications Framework Level (AQF) of the qualification being assessed and/or Industry Sector as follows:

Industry sector	AQF** Level	Required assessor or Industry subject matter expert experience
Drilling, Metalliferous Mining, Coal Mining, Extractive (Quarrying) and Civil Construction	1	1 Year
	2	2 Years
Drilling, Coal Mining and Extractive (Quarrying)	3-6	3 Years
Metalliferous Mining and Civil Construction	3-6	5 Years
Other sectors	Where this Unit is being assessed outside of the Resources and Infrastructure Sectors assessor and/or Industry subject matter expert experience should be in-line with industry standards for the sector in which it is being assessed and where no Industry standard is specified should comply with any relevant regulation.	

*Assessors can demonstrate current work experience through employment within Industry in a role relevant to the outcomes of the Unit; or, for external assessors this can be demonstrated through exposure to Industry by conducting frequent site assessments across various locations.

**Where a unit is being delivered outside of a Qualification the first numeric character in the Unit code should be considered to indicate the AQF level

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