Australian Government

RIIHAN213X Work effectively in the drilling industry

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Release: 1

RIIHAN213X Work effectively in the drilling industry

Modification History

Release	Comments
1	This unit of competency was first released in RII Resources and Infrastructure Industry Training Package Release 13.0.

Application

This unit describes the skills and knowledge required to work effectively in the drilling industry. It prepares individuals to perform tasks such as safe handling, practising general good housekeeping and checking, refuelling and driving vehicles.

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

Licensing/Regulatory Information

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

Pre-requisite unit(s)

No pre-requisite units

Competency field(s)

N/A

Unit sector(s)

Drilling

Elements and Performance Criteria

Element	**Performance criteria**
Elements describe the essential outcomes.	*Performance criteria describe the performance needed to demonstrate achievement of the element.*
1. Plan and prepare for working in the drilling industry	1.1 Obtain, interpret and confirm work requirements 1.2 Access, interpret and apply required drilling documentation, emergency procedures and confirm work activity is compliant

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	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 and confirm briefings and handover details are communicated and received as required
2. Perform safe manual handling	2.1 Assess load to be moved 2.2 Assess and plan stability of lift, transport route and lay down position according to safety and task requirements 2.3 Move load using manual handling techniques and aids and seek assistance where required
3. Routinely practise good housekeeping	3.1 Identify housekeeping requirements 3.2 Clean and tidy work area 3.3 Clean and store all tools and equipment according to workplace requirements 3.4 Identify and report potential hazards from poor housekeeping 3.5 Identify areas of improvement for housekeeping and escalate as required 3.6 Report equipment problems verbally or in writing
4. Complete prestart checks	4.1 Check plant, tools and equipment required to carry out tasks for faults and report or rectify within scope of own role and confirm ready for use 4.2 Check and top up fluids as required 4.3 Check all guards and safety devices are in place and serviceable 4.4 Confirm all personnel are clear or in a safe position before starting work activity 4.5 Complete required written records according to task requirements and workplace procedures
5. Complete plant and vehicle refuelling procedures	5.1 Enforce no-smoking zone before commencing refuelling 5.2 Select required fuel 5.3 Refuel engine as required

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	5.4 Clean up any spills and leave fuel storage area clean and tidy 5.5 Note remaining fuel supply and complete written records according to task requirements and workplace procedures
6. Prepare and operate vehicle	6.1 Check vehicle roadworthiness, load distribution and security before starting 6.2 Identify potential vehicle hazards during vehicle operation and load and implement hazard minimisation procedures 6.3 Plan trip that maximises safety and minimises cost 6.4 Drive vehicle in compliance with local conditions, road and site rules 6.5 Park and secure vehicle according to task requirements and 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
Numeracy	• Interprets numerical information relating to load height, weight loading, size and distribution
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

Range of conditions

N/A

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Assessment Requirements for RIIHAN213X Work effectively in the drilling industry

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- undertake the following tasks in the drilling industry on at least two occasions:
    - performing manual handling
    - completing prestart checks
    - refuelling vehicles and plant
    - driving, parking and securing vehicle.

During the above, the candidate must:

- locate and apply documentation required for working effectively in the drilling industry
- implement the requirements, procedures and techniques completing work effectively in the drilling industry, including:
    - planning and preparing for manual handling
    - identifying hazards
    - reporting equipment problems
- work effectively with others to undertake and complete work in the drilling industry that meets required outcomes, including:
    - using a range of communication techniques and equipment to convey information to others
    - communicating hazards and determining elimination or control of hazards
    - organising work activities to meet task requirements.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- key policies, procedures and established requirements for working effectively in the drilling industry, including those for:
    - hazard identification when driving and refuelling
    - work health and safety
    - emergencies
    - prestart checks

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    - road and site driving rules
    - parking, securing and refuelling vehicles
    - communicating with other personnel throughout work activities, including briefings and handover
    - housekeeping, including storage of tools and equipment, and reporting of hazards and equipment problems
- manual handling techniques
- drilling industry team roles and objectives.

Assessment Conditions

Mandatory conditions for assessment of this unit are stipulated below. The assessment must:

- include access to:
    - personal protective equipment
    - vehicle, tools and equipment suitable for the tasks outlined in the elements, performance criteria and assessment requirements of this unit
    - workplace documentation such as drill plans, site plans and procedures, manufacturer instructions and safety data sheets
- be conducted in a safe environment
- be assessed in the context of this sector's work environment
- be assessed in compliance with relevant legislation/regulation and using policies, procedures and processes directly related to the industry sector for which it is being assessed
- confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work environment* provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

*Guidance on simulated environments has been stipulated in the RII Companion Volume Implementation Guide.

Industry Experts

An industry expert engaged by an RTO to wholly or partially conduct assessment, independently or together with another assessor, or be involved in an assessment judgement, must also satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

Assessors and industry experts delivering training in the drilling industry must also have a minimum of two (2) years industry experience directly relevant to the training and assessment being provided.

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Mandatory Workplace Requirements

Assessment of performance evidence may be in a workplace setting or an environment that accurately represents a real workplace.

Unit Mapping Information

Previous Code and Title	Equivalence	Comments
RIIHAN213E Work effectively in the drilling industry	Equivalent	Updates to the elements and performance criteria, performance and knowledge evidence, and assessment conditions

Links

Companion volumes, including implementation guides, are found on the national training register - https://training.gov.au/training/details/RII.

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