

Conduct a health, safety and environmental risk assessment of the drilling operation

Overview

What is this standard about?

This standard states the skills, knowledge and understanding required to demonstrate competence in conducting dynamic risk assessments of the health, safety and environmental hazards and aspects associated with drilling operations. It includes identification, evaluation and reporting before and throughout the drilling operation.

Who is this standard for?

This standard is for people carrying out risk assessments related to drilling activities. This could be an employer, line manager, supervisor, safety representative or an individual involved in drilling operations.

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Performance criteria

You must be able to:

- 1 identify the location and scope of the required assessment
- 2 obtain information or advice in relation to the required assessment
- 3 carry out assessment
- 4 identify health and safety hazards and environmental aspects likely to cause harm or loss
- 5 quantify the risk
- 6 confirm that appropriate control measures are in place
- 7 record significant findings
- 8 review assessments
- 9 maintain suitable and sufficient records
- 10 carry out activities according to **approved policies, procedures and practices**

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Knowledge and understanding

You need to know and understand:

- 1 the legal requirements for workplace risk assessment
- 2 the drilling operations and workplace health and safety hazards that are likely to cause harm or loss
- 3 the drilling operations and workplace environmental aspects that are likely to cause harm or loss
- 4 the importance of remaining alert to the presence of health and safety hazards and environmental aspects in the workplace
- 5 methods of identifying hazards and aspects
- 6 techniques for assessing and evaluating risk
- 7 reporting and recording requirements for the activity and workplace
- 8 information sources in relation to the drilling activity and workplace for:
 - 8.1 health and safety hazards
 - 8.2 environmental impacts
 - 8.3 risk assessments
- 9 the importance of dealing with, or promptly reporting identified health, safety or environmental hazards and risks or inadequate control measures
- 10 your own limitations, job responsibilities and capabilities
- 11 the work areas and people for whom you are carrying out the assessment
- 12 work activities of the people in the workplace where you are carrying out the risk assessment
- 13 communication methods in the workplace
- 14 the types of control measures for the risks associated with the work activity
- 15 the **approved policies, procedures and practices** for the location and work activity

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Scope/range

1 approved policies, procedures and practices: legislative/regulatory, organisational, operational, accident or emergency, health and safety, first aid, and environmental as appropriate to the work activity

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