

Measure and set out dimensional control for the drilling requirement

Overview

What is this standard about?

This standard states the skills and knowledge required to demonstrate competence to measure and set out dimensional control for the drilling requirement. It involves correctly interpreting information and instructions to set out the work area, and enable the accurate transfer of measurement and dimensional positioning for the work to be carried out. During this work account must be taken of the relevant operational requirements and healthy, safe and environmentally responsible working practices.

Who is this standard for?

This standard can apply to anyone with responsibility for measuring and setting out the dimensional controls for drilling operations.

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Performance criteria

You must be able to:

- 1 identify and locate the area for the drilling activity
- 2 assess the condition of the area as to its suitability, safety and security for the dimensional control activity
- 3 interpret information and instructions for the drilling dimensional control
- 4 select and check tools and equipment for the specified measuring and dimensional control activity
- 5 measure, set out and mark the dimensional control requirements from given reference points
- 6 check, clean and store tools and equipment used
- 7 carry out the work in accordance with the **approved policies procedures and practices** for the work activity and location

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Knowledge and understanding

You need to know and understand:

- 1 the purpose and importance of dimensional control of drilling activities
- 2 the sources of information and instruction for the required measuring and dimensional control, and how to interpret them
- 3 actions to be taken should there be inaccuracies, uncertainties or discrepancies with the information or instruction related to work activity
- 4 hazards and risks associate with the work activity
- 5 personal protective equipment and security arrangements for the work activity
- 6 personal responsibilities for the quality, safety and environmental compliance of the work activity
- 7 the purpose and technique for assessing the work area
- 8 the acceptable standards for the work activity, and actions to be taken should the area not meet the standard
- 9 the types, purpose and use of tools and equipment required for measuring and setting out, including methods of checking, cleaning and storing
- 10 the types of defects that can occur with measuring, setting out and dimensional control tools and equipment
- 11 actions to be taken should tools and equipment be damaged or defective
- 12 the techniques for measuring, setting out and marking dimensional controls for drilling activities
- 13 the use of reference points
- 14 the problems that can occur when measuring, setting out or marking dimensional controls for drilling activities
- 15 the **approved policies, procedures and practices** for measuring and setting out dimensional controls for drilling requirements in the work environment

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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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