

Produce profiles of rock faces and landforms

Overview

This standard comprises the following:

- 1 Prepare and set up equipment
- 2 Produce profile data

This activity is likely to be undertaken by someone whose work role involves Weapons, Ordnance, Munitions or Explosives work activities. This includes blasting personnel.

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Performance criteria

You must be able to: 1 Prepare and set up equipment

P1 work requirements are confirmed with relevant person(s) as to the extent and detail of the work to be undertaken.

P2 the area to be measured is identified accurately in accordance with the work specification.

P3 hazards and conditions that affect the work activity are identified and actions agreed with relevant person(s).

P4 the equipment to be used is confirmed as available, suitable and applicable to the work activity

P5 the equipment is prepared, located, set up and adjusted for the work activity in accordance with instructions, safety and work requirements.

P6 defects and damage of the equipment are recorded and appropriate action taken for any correction

P7 problems and conditions outside the responsibility of the jobholder are referred to relevant person(s)

P8 work is carried out to approved procedures and practices and in compliance with statutory requirements

2 Produce profile data

P9 clarification and understanding of the information and instructions are confirmed with the relevant person(s)

P10 any relevant physical features of the survey site are identified visually and recorded

P11 dimensional information is collected and recorded in accordance with the work activity

P12 data produced is processed and evaluated

P13 results are reported to relevant person(s) according to organizational procedures

P14 problems and conditions outside the responsibility of the job holder are referred to relevant person(s)

P15 work is carried out to approved procedures and practices and in compliance with statutory requirements.

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Knowledge and understanding

You need to know and understand: 1 Prepare and set up equipment

- K1 health, safety and environmental and other statutory legislation, regulations and safe working practices and procedures governing explosives and their implications for your work
- K2 hazards and conditions that affect the work activity
- K3 types of equipment in relation to the work activity
- K4 surveying techniques and equipment capability and limitations of equipment
- K5 setting up equipment for the work activity
- K6 types of defects in the equipment
- K7 format and procedures for recording and communicating information/data

2 Produce profile data

- K8 health, safety and environmental and other statutory legislation, regulations and safe working practices and procedures governing explosives and their implications for your work
- K9 specifications for blasting
- K10 the physical features of rock faces that affect the blast specification
- K11 plans, profiles and terminology
- K12 measuring instrumentation and techniques.
- K13 techniques to confirm accuracy of equipment.
- K14 capability and limitations of equipment
- K15 methods of locating position(s), including shot/bore holes
- K16 data processing systems
- K17 use and significance of information produced
- K18 the relevant persons, as appropriate to site, associated with the activity
- K19 hazards associated with the use of measuring equipment and technology

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