MPQMG23
Operate guidance systems to form holes

Overview

This standard states the skills, knowledge and understanding required to demonstrate competence in operating guidance systems and interpreting information to bore, drive or drill holes to the given working instructions.
This will require the candidate to measure, mark out, set up, connect, calibrate, locate, mark, record and recover. The standard also includes the use of hand tools and ancillary equipment associated with the operation of guidance systems to form holes. During this work account must be taken of the relevant operational requirements and safe working practices.

This standard could apply to any operative whose functions include the preparation for or carrying out of any rock drilling or related activity, irrespective of the purpose of the drilling activity.

Performance criteria

You must be able to:

- P1 obtain and interpret information on the required work activity
- P2 agree with others the work to be carried out
- P3 confirm sufficient **resources** are available to support the work activity
- P4 check the suitability of the available **resources**
- P5 organise the work to minimise risks
- P6 communicate with others using organisational procedures and the agreed communication method
- P7 prepare and set up the guidance system for the work activity
- P8 operate the guidance system according to manufacturer's and organisational instructions to achieve work activity specification
- P9 make adjustments to the work plan within limits of own responsibilities as required to complete the work
- P10 check and store **resources**
- P11 report according to organisational requirements
- P12 carry out the work activity in compliance with **approved policies, procedures and practices**

Knowledge and understanding

You need to know and understand:

K1 the organisational **approved policies, procedures and practices** as appropriate to the work activity

K2 the organisational information, communications and reporting arrangements relating to the work activity

K3 the types of communication systems used in the work area

K4 the hazards and risks associated with the work activity, how they can affect yourself, others or the environment, and how they are controlled

K5 the **resources** required to complete or support the work activity, their uses, how to check them, and how to secure, store or dispose of them after use

K6 the organisational procedures in the event of **resources** being unsuitable or defective

K7 the precautions to be taken whilst operating guidance systems

K8 the problems that can occur when operating guidance systems, and how to respond to them

K9 how to confirm or calculate that the work activity is or has achieved the required specification

K10 the actions to taken if the work is not achieving specification

K11 the limits of your own personal responsibility

K12 reporting procedures on completion of the work

Additional information

Scope/range

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

2 **resources:** tools and equipment, consumables, attachments, replacement parts and other resources as appropriate to the work activity

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