MPQMG37
Measure and set out dimensional control for the mining requirements

Overview

This standard represents the skills, knowledge and understanding required to measure and set out dimensional control for mining requirements. It involves correctly interpreting information and instruction to set out the work area and enable the accurate transfer of measurement and dimensional positioning to which the work will be carried out. During this work the candidate must take account of the relevant operational requirements and safe working practices.

The standard applies to anyone required to measure and set out dimensional controls prior to further work activity. They may be a specialist operator, or a miner performing this function as part of a wider job role, or other personnel, for example a member of surveying or supervisory staff.

Performance criteria

You must be able to:

P1 carry out the work in compliance with the organisational **approved policies, procedures and practices**

P2 identify the hazards and risks associated with the work activity and carry out the work minimising risks to yourself, others, plant and machinery and the work environment

P3 communicate with others using the agreed communication method

P4 obtain and interpret information on the work activity required

P5 agree with others the work to be carried out

P6 check the availability and suitability of the **resources** required for the operation of the work activity, and completion of the work

P7 locate and confirm the reference points for the work activity

P8 select, position and secure measuring, setting-out and marking equipment for the work activity

P9 carry out the agreed work plan

P10 make adjustments to the work plan as required to complete the work within limits of your responsibilities, recording and reporting any variations from the specified work activity

P11 check and store the tools and equipment used

P12 report according to organisational requirements

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

K3 the organisational information, communications and reporting arrangements relating to the work activity

K4 how to interpret the organisational information for the work activity

K5 the types of tools and equipment required for the work activity, how to check and use them, and their limitations

K6 the defects or faults that can occur with the tools and equipment required for the work activity

K7 the other **resources** required to support the work activity, their uses, how to check them, and how to secure, store or dispose of after use

K8 reference points for the work activity and how to locate them

K9 how to set up, secure, measure, mark, calculate and set out for the work activity

K10 problems that can occur with the work activity, and how to respond to them

K11 the limits of your own role and responsibilities

K12 the actions to be taken in the event of damage, breakdown or unsatisfactory performance of **resources**

K13 reporting procedures on completion of the work

Additional information

Scope/range

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

2 **resources**: tools; equipment; utilities and services; consumables; attachments; replaceable parts; other resources as appropriate to the work activity

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