MPQMG17
Set out dimensional work controls

Overview

This standard is about the skills knowledge and understanding required to set out dimensional controls. This function is normally carried out in conjunction with other activities that need to be performed to specific dimensions or in critical directions, for example surveying, drilling, and tunnelling. The standard has therefore got to be carried out accurately and consistently to avoid sub-standard performance of the second function. The standard involves obtaining and interpreting information and instruction, setting out required dimensional controls accurately and safely, using and maintaining tools and communicating on the work done.

This standard could apply to operatives or supervisors in several different industrial contexts, who are required to set out dimensional controls, which may be for their own subsequent work or for the work of another.

Performance criteria

You must be able to:

P1 obtain and interpret information and work instructions on the work activity and the required dimensional control

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 check the work area conforms with obtained information and working instructions

P6 organise the work to minimise risks

P7 communicate with others using organisational procedures

P8 set out **dimensional work control** for to working instructions

P9 carry out work activity in compliance with **approved policies, procedures and practices**

P10 make adjustments to the work plan within limits of own responsibilities as required to complete the work

P11 check and confirm the work completed complies with specified work instructions

P12 check and clean tools and equipment

P13 store **resources** in accordance with **approved policies, procedures and practices**

P14 deal with defective **resources** in accordance with **approved policies, procedures and practices**

P15 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 organisational information, working instructions, communications and reporting arrangements relating to the work activity

K3 the types of communication systems used in the mine

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 how to use tools and equipment required to set out **dimensional work controls**

K7 methods of calculating height, depth, angle, length or area associated with the method or procedure to set out **dimensional work control**

K8 the precautions to be taken whilst setting out **dimensional work controls**

K9 the problems that can occur when setting out **dimensional work controls**, and how to respond to them

K10 the limits of your own personal responsibility

K11 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

3 **dimensional work controls:** set out dimensional work controls for the work to working instructions for any THREE from**:** line; level; depth; area; height; angle; gradient; azimuth

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