MPQMG22
Erect and dismantle plant in mines

Overview

This standard is about the skills knowledge and understanding required to erect and dismantle plant (i.e. substantial items of work equipment) in mines; the plant may be fixed or mobile and intended for temporary or permanent work activity. It could include service systems, such as equipment required to support or ventilate the mine, or transport systems. The purpose of the plant is not significant
The standard includes elements of planning, communications and use of resources to complete the task. It also requires awareness of hazards and safe working, as this is a more difficult operation than in normal conditions due to the restricted space, specific hazards, and environmental conditions found in mines.

This standard could apply to any miner in conjunction with their normal mine work. It does not apply to mine mechanical or electrical technicians, as they require more detailed and specific skills and knowledge.

Performance criteria

You must be able to:

P1 obtain information and instruction on the work activity

P2 agree with others the work to be carried out

P3 confirm sufficient **resources** are available to erect or dismantle the specific plant

P4 check the suitability of the available **resources**

P5 check and confirm the plant and the work area are in a safe and suitable condition for the work activity

P6 organise the work area to minimise risks

P7 establish exclusion zones and post warning notices

P8 erect and dismantle plant in compliance with **approved policies, procedures and practices**

P9 make adjustments to the work plan within limits of own responsibilities as required to complete the work

P10 check, clean and store tools and equipment in accordance with **approved policies, procedures and practices**

P11 deal with defective platforms, tools and equipment in accordance with **approved policies, procedures and practices**

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

K3 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

K4 the characteristics and functions of the plant to be erected or dismantled in the mine

K5 the hazards and risks associated with the work activity, how they can affect yourself, others or the environment, and how they are controlled]

K6 how and why to check the condition of the plant and the working area prior to commencing the work activity

K7 the precautions to be taken whilst working at height

K8 what, when and why additional personal protective equipment should be used when erecting or dismantling plant

K9 the problems that can occur when erecting or dismantling plant, and how to respond to them

K10 the actions to be taken with defective, faulty or damaged plant, tools and equipment

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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