MPQMG09
Carry out mud, slurry or fluid pump operations in mines

Overview

This standard is about the skills knowledge and understanding required to operate specialist plant and equipment to pump mud, slurry or fluids in mines. This operation will normally be a supporting operation to other operations, such as drilling, excavating tunnels or shafts, or installing services or support systems. The standard includes communications and use of resources to complete the task.

This standard would normally apply to any miner in conjunction with their normal mine work.

Performance criteria

You must be able to:

P1 obtain 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 area to minimise risks

P6 establish exclusion zones and post warning notices

P7 check, start, operate and stop pumping plant and equipment

P8 pump mud, slurry or fluid according to specification and in allocated time

P9 carry out work 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 store **resources** in accordance with **approved policies, procedures and practices**

P12 deal with defective **resources** or defective plant or equipment in accordance with **approved policies, procedures and practices**

P13 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 types and characteristics of the mud, slurry or fluid pumping plant and equipment within your limits of responsibilities

K5 how to check, start, operate and stop (in routine and emergency situations) shaft sinking plant and equipment

K6 the hazards and risks associated with the work activity, how they can affect yourself, others or the environment, and how they are controlled

K7 what, when and why additional personal protective equipment should be used in pumping operations

K8 the problems that can occur when pumping mud, slurry or fluids and how to respond to them

K9 the limits of your own personal responsibility

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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Developed by	MPQC
Version number	1
Date approved	February 2014
Indicative review date	December 2019
Validity	Current
Status	Original
Originating organisation	MPQC
Original URN	MPQMG09
Relevant occupations	Mineworker; Coal mine operatives
Suite	Mining Operations
Key words	mine; miner; mining; services; plant; equipment; resources; check; mineral; waste; pumps; mud; slurry; fluid