MPQMG25
Receive and handle explosive materials on-site

Overview

This standard includes the skills knowledge and understanding required to receive and handle explosives at the blasting site. The explosives could be received from a store or magazine, or from a delivery vehicle. Following receipt they must be handled in a safe manner complying with specific legislation in relation to the handling of explosives and blasting at the particular location.

This standard applies only to persons authorised to receive explosive materials, such as a shotfirer or a supervisor of blasting operations.

Performance criteria

You must be able to:

P1 carry out work activities in accordance with **approved policies, procedures and practices,** and within limits of own role and responsibility

P2 receive **explosive materials** and check that deliveries conform with the requirements of the blast

P3 handle **explosive materials,** avoiding loss and damage, maintaining safety and security

P4 ensure explosives and detonators are safely separated during moving and transportation activities

P5 display danger of explosives warnings, notices or signs

P6 maintain records of **explosive materials**

P7 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 responsibilities of yourself and others under legislation related to blasting and the handling and moving of explosive materials in your working environment

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

K5 why special arrangements are made for loading, unloading, handling, transporting and containing **explosive materials**

K6 the manufacturers' recommendations for handling and transporting the **explosive materials** for the work activity

K7 the type and range of **explosive materials** for the work activity, and how to recognise them

K8 the marking and coding of detonators

K9 the requirements for checking the type and condition of explosives

K10 the possible effects of environmental conditions on explosive materials

K11 the dangers from static electricity and induced currents from external sources

K12 the limits of your own role and responsibilities

K13 problems that can occur with the work activity, and how to respond to them

Additional information

Scope/range

1 **explosive materials**: explosive articles or substances as defined in the Classification and Labelling of Explosives Regulations 1983, or subsequent legislation that supersedes it, as appropriate to the work activity and store

2 **approved policies, procedures and practices**: legislative, organisational, operational, accident or emergency, health and safety, first aid, and environmental as appropriate to the working environment and 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	MPQMG25
Relevant occupations	Mineworker; Coal Mining Operatives
Suite	Mining Operations
Key words	explosive; mine; quarry; detonators; store; receive; issue; security; mining; quarrying; blasting