PROMR22
Use, maintain and test breathing apparatus and equipment

Overview

This standard relates to the routine functions involved in the use, after use routine maintenance and testing of breathing apparatus equipment (BA), normally undertaken by emergency services personnel. It does not relate to the specialist servicing and repair normally done within support workshops.

The range of *equipment* includes breathing apparatus, escape breathing apparatus, oxygen resuscitators, analgesic equipment, compressed air and oxygen, ancillary test / servicing equipment.

PROMR22

Use, maintain and test breathing apparatus and equipment

Performance criteria

You must be able to:

P1 test breathing apparatus and equipment and confirm state of operational readiness
P2 use breathing apparatus and equipment according to manufacturers' and organisational instructions
P3 after use, remove and clean breathing apparatus and equipment
P4 correctly identify faults, defects, discrepancies or other issues requiring action
P5 carry out routine maintenance within the limits of your responsibility including the use of servicing / testing equipment
P6 where workshop attention is required, segregate equipment according to organisational procedures
P7 test pressures and operational readiness of equipment after service or repair
P8 Follow organisational procedures for handling oxygen
P9 obtain or confirm required certification
P10 store equipment according to organisational procedures
P11 maintain accurate and complete records according to organisational procedures

PROMR22

Use, maintain and test breathing apparatus and equipment

Knowledge and understanding

You need to know and understand:

K1 hazards and risks of the workplace and of handling the range of equipment involved.
K2 applicable internal and external regulations, legislation and certificating requirements
K3 the range of equipment associated with breathing apparatus, its use, capabilities and limitations include regenerative equipment and test / servicing equipment.
K4 Composition of the atmosphere
K5 Process of respiration
K6 Effects of reduced / enriched oxygen content on human body
K7 Precautions when using oxygen.
K8 required scheduled for planned and preventive maintenance
K9 internal and external procedures and requirements for storage, service, repair, replacement and disposal of relevant equipment
K10 common faults and their solutions
K11 how to investigate and rectify faults
K12 whether the fault can be rectified by you, or requires specialist/workshop repair
K13 standards for routine after use maintenance
K14 range and methods of testing breathing apparatus and equipment
K15 the range of records systems required, their completion
K16 the implications of incorrect or inaccurate record keeping.
K17 personal level of competence and authority and how to seek advice when required.

PROMR22

Use, maintain and test breathing apparatus and equipment

Developed by	Proskills
Version number	1
Date approved	June 2009
Indicative review date	April 2014
Validity	Current
Status	Original
Originating organisation	Proskills
Original URN	MRO22
Relevant occupations	Coal mine operatives; Quarry workers and related operatives; Managers in mining and energy;
Suite	Mines Rescue Operations
Key words	mines; mining; rescue; underground; operations; hazards; emergency