

European Aviation Safety Agency

European Technical Standard Order

Subject: PROTECTIVE BREATHING EQUIPMENT

1 - Applicability

This ETSO gives the requirements which protective breathing equipment that is manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

2 - Procedures

2.1 - General

Procedures are detailed in CS-ETSO Subpart A.

2.2 - Specific

None.

3 - Technical Conditions

3.1 - Basic

3.1.1 - Minimum Performance Standard

Standards set forth in the Society of Automotive Engineers, Inc., (SAE) Aerospace Standard (AS) 8031 „Personal Protective Devices for Toxic and Irritating Atmospheres, Air Transport Crew Members“, dated June 1980.

3.1.2 - Environmental Standard

As given in AS 8031, Section 8.

3.1.3 – Computer Software

None

3.2 - Specific

None.

4 - Marking

4.1 - General

Marking is detailed in CS-ETSO Subpart A paragraph 1.2.

4.2 - Specific

- (1) Each component of equipment having multiple facial sizes must be marked to indicate its relative size and whether it will seal on beards e. g. „Beards will not seal“.
- (2) Each smoke goggle/oxygen mask component, full-face mask and hood must be marked to indicate the average oxygen usage rate measured during contaminant leakage testing for each combination or full-face mask.

5 - Availability of Referenced Document

- See CS-ETSO Subpart A paragraph 3.
- FAA report N°FAA-AM-78-41 may be obtained from the National Technical Information Service (NTIS), Springfield, VA 22161 Catalogue N°ADA064678.

