



## **Memo-Servicing & Technical Info**

I.F.E.D.A. MEMBERS SERVICING/TECHNICAL ADVICE/ UPDATE

From: The National Office

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### **Number 38**

#### **CO2 EXTINGUISHER OVERHAUL & RECHARGE**

This is prescribed in BS5306-3:2003 Annex A, Table A.1 and Annex D. Table D.1 states that the extinguisher body should not be overhauled if it is unmarked.

In cases where it is not possible to line up the new replacement valve with the operating instructions tested CO2 extinguishers might be re-painted and re-labelled.

The body shell must be tested in accordance with the test pressure indicated on the body and also in accordance with the following cylinder standards:

- a) BS EN1968:2002 in respect of seamless steel cylinders
- b) BS EN1802:2002 in respect of aluminium alloy cylinders
- c) BS EN1803:2002 in respect of welded steel cylinders.

The 'Kite Mark' and fire rating will be rendered obsolete by the overhaul process but contractors registered in BAFE Scheme SP103 are now authorised to use the "BAFE" logo "refurbished scheme SP103" on all extinguishers reprocessed under the scheme.

It should be noted that a 'Kite Mark' on an extinguisher indicates that the appliance has been made by a manufacturer registered by British Standards as operating a quality system conforming to BS EN ISO, using prescribed materials and it will meet a prescribed minimum operating performance.

The 'Kite Mark' on the extinguisher has no relevance to the subsequent maintenance, which is covered by BS5306-3:2003.

In cases where a regulatory body, insurer or similar specify that extinguishers must carry certification such as the Kite Mark refurbishing extinguishers may cause difficulties.

IFEDA do not recommend that CO2 extinguishers due for test, and not condemned as unfit are replaced by new extinguishers unless the customer specifies this.

A decision not to test but to replace with new on the basis of the relevant cost is a matter for negotiation between the provider and their client.

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