



CERTIFICATE OF FIRE APPROVAL


This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	Ocenco Incorporated
Address	10225 82nd Avenue Pleasant Prairie Wisconsin, 53158 United States of America (USA)
Type	SELF CONTAINED BREATHING APPARATUS FOR EMERGENCY ESCAPE PURPOSES
Description	Compressed Oxygen Emergency Escape Breathing Device - Type: M.20.2 (10 Minute Version)
Specified Standard	BS EN 400: 1993 & IMO MSC/Circ. 849

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue	18 January 2005	Expiry date	17 January 2010
Certificate No.	SAS F050016	Signed	
Sheet No	1 of 2	Name	B. McDonald Surveyor to Lloyd's Register EMEA A Member of the Lloyd's Register Group

Note:

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid Certificate.

"Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract."

DESIGN APPRAISAL DOCUMENT

Date 18 January 2005	Quote this reference on all future communications LPA/FSS/SSS/FITA/MF
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F050016

This Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

TES Bretby, United Kingdom, Test Report Nos. TES/99/157, dated 24 June 1999 and TES/99/232, dated 5 October 1999.

SATRA Technology Centre, United Kingdom, Test Report No. 33845/9848/1/1, dated 9 December 1998.

INSPEC Laboratories Ltd., United Kingdom, Test Report Nos. 99.05.31, dated 27 May 1999, and 99.03.44 dated 16 March 1999.

Advanced Packaging Technology Laboratories Inc., United States of America, Test Report No. 9509.1 dated 29 July 1997.

CONDITIONS OF CERTIFICATION

1. The suitability of the equipment for the intended application is to be considered on a case by case basis.
2. Compressed oxygen cylinder to be designed and tested to codes of practise recognised by LR.
3. Maximum charge pressure of cylinders: 3850 p.s.i.
4. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype.

PLACE OF PRODUCTION

Ocenco Incorporated
10225 82nd Avenue
Pleasant Prairie
Wisconsin, 53158
United States of America (USA)



Bruce McDonald
Senior Surveyor
Fire and Safety Section
Statutory and Structures Services
London Plan Approval
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).