



EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), specified as a "notified body" under the terms of The Merchant Shipping (Marine Equipment) Regulations S.I. 1999 No. 1957, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the essential Fire protection requirements of Marine Equipment Directive (MED) 96/98/EC as modified by Commission Directives 98/85/EC, 2001/53/EC, 2002/75/EC, 2002/84/EC, 2008/67/EC and 2009/26/EC subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer

Draeger Safety UK Limited

Address

Ullswater Close

Blyth Riverside Business Park

Blyth

Northumberland, NE24 4RG United Kingdom (UK)

Annex A1 Item

A.1/3.41 EMERGENCY ESCAPE BREATHING DEVICES (EEBD)

Product Type

SELF CONTAINED BREATHING APPARATUS FOR EMERGENCY ESCAPE

PURPOSES

Product Description

Emergency Escape Breathing Apparatus - Type: "Dräger Saver CF(10) and CF(15)"

Specified Standard

European Standard EN 1146 (2005)

ISO 23269-1 (2008)

The attached Design Appraisal Document (schedule) forms part of this certificate.

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

Date of issue

15 September 2010

Expiry date

20 July 2014

Certificate No.

MED 0950189/M1

Signed

loyd's Register

Sheet No

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Name

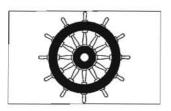
M. Farrier

For and on behalf of Lloyd's Register Verification

LRV EC Distinguishing No. 0038

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 the notified body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.



Subject to compliance with the conditions in the attached Design Appraisal Document (schedule), which forms part of this certificate, and those of Articles 10.1(i) and 11 of the Directive, the Manufacturer is allowed to affix the "Mark of Conformity" to the Product described herein.

yy Last two digits of year mark affixed.

This certificate is issued under the authority of the MCA.

"Lloyd's Register Verification is the business name of Lloyd's Register Verification Limited, a member of the Lloyd's Register Group.

Registration number 4929226.

0038/yy

Registered office 71 Fenchurch Street, London EC3M 4BS, England

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Issue number	

DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications
15 September 2010	LDSO/SFS/TA/JE/MF

ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No.MED 0950189/M1

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

APPROVAL DOCUMENTATION

DMT- Gesellschaft fur Forschungs Und Materialprufungsanstalt-Baden-Wurttemberg, Essen, Germany, Fire Test Report No. 4221/00 dated 2 August 2000.

Institute of Occupational Medicine, 8 Roxburgh Place Edinburgh, Test report No. AP/130/379 (a) and AP/130/379(b), dated 26 November 1999.

INSPEC, Manchester, United Kingdom, Test report No. 01.02.20 dated 23 February 2001, 01.02.08 dated 12 February 2000.

Bauqualitat TUV Nord Gmbh, Brandversuchshaus, Hamburg, Germany, Test Report No. 1811DG00590 dated 29 December 1999.

DEKRA EXAM GmbH, Test Reports No. 6679A/09 dated 10 June 2009, No. 6761A/09 dated 30 September 2009 and No. 6937/10 dated 28 June 2010.

Manufacturers drawing No. 3354581 Rev 03; dated June 2009 and matrix SE22020 Rev 01 dated August 2009.

Dräger Technical file Section 6.1 Issue 3 dated 29 June 2009, Issue 4 dated 09 November 2009 and Issue 5 dated 19 July 2010.

CONDITIONS OF CERTIFICATION

- Set to be assembled as per manufacturers drawing 3354581 and matrix SE22020
- 2. Air cylinders to be in accordance with a national standard.
- 3. Arrangements to be in accordance with IMO MSC/Circ.849
- 4. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E), a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place.
- 5. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place.



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DESIGN APPRAISAL DOCUMENT

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NOTE

The testing standards listed in Annex A.1/3.41 are all self contained test standards for various types of devices and therefore only two test standards have been applied, EN 1146 (2005) and ISO 23269-1 (2008).

PLACE OF PRODUCTION

Draeger Safety UK Limited Ullswater Close Blyth Riverside Business Park Blyth Northumberland, NE 24 4RG United Kingdom



M. Farrier Lead Specialist For and on behalf of Lloyd's Register Verification LRV EC Distinguishing No. 0038