



See-Berufsgenossenschaft
Prüf- und Zertifizierungsstelle
im BG-PRÜFZERT
European notified body
Identification number 0736

Deutsche Gesetzliche
Unfallversicherung



EC-Type Examination (Module B) Certificate

Certificate-No.

426.004

USCG Module B No.

160.121/EC0736/426.004

Name and address of the
applicant:

Chemring Marine Limited, 1500 Parkway, Fareham,
Hampshire PO15 7AF, United Kingdom

Date of issue:

13.12.2007

Annex A.1 Item No &
Item designation

A.1/1.9 - Hand flares (pyrotechnics)

Product designation:

Hand flare, red

Product Type:

Comet Handflare, red - Artikel-No.: 9 1628 00

Intended purpose:

Hand flare for lifeboats and liferafts according to LSA-Code section 3.2

Testing based on
(Specific standard):

Resolution MSC.81(70) as amended

Remarks:

The type approval tests carried out between 26.03. and 28.03.2001 under
the presence of a surveyor of See-Berufsgenossenschaft.

The type tested was found to be in compliance with the Life Saving Appliance requirements of Marine Equipment Directive (MED) 96/98/EC as amended by Directive 2002/75/EC subject to any conditions in the schedule (part of this certificate).

This certificate may only be used in connection with module(s) **D** of this directive.

Expiry date:

31.12.2012

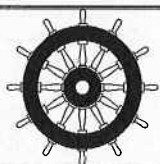
Signature (Lange)

The approval of the installed equipment will be in force beyond the validity date until it is revoked!

Note 1: This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with the notified body named on this certificate.

Note 2: Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply.

Note 3: The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of ANNEX B of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.



xxxx/yy

Note 4: "Wheelmark" Format

YY Last two digits of year mark affixed.

XXXX Notified Body number undertaking surveillance module

Postal address:
Postfach 11 04 89
20404 Hamburg

Office:
Reimerstwiete 2
20457 Hamburg

Tel: 0 40/3 61 37-0
Fax: 0 40/3 61 37 2 04

In any case, the German original shall prevail.

Technical data/approved drawings and additional conditions and remarks:

- Revised Drawing-No. 5652/2 o Handfackel, rot
- Revised Drawing-No. 5652-1000/2 h Zünder
- Revised Drawing-No. 5652-2000 g Fackel

- Test certificate of „Bundesanstalt für Materialprüfung (BAM) Tgb.-Nr. II.3/1730/01.

1) Marking

-The instruction label has to comply with the See-BG approved muster.

-Date of manufacture (month/year) and date of expiry (max. 3 years) is to be marked on each hand flare by delivery from the production place.

-The text on the instruction label on each hand flare can be written in several languages. At least, the text of the instruction has to be stated in an English version mandatory. The manufacturer is responsible for the correctness of the translation in other languages.

-A permanent and seawater proof marking with name of manufacturer, type, approval-numbers, the mark of conformity and instruction label is required for the hand flare.

2) Quality assurance and production control

This type approval will be only valid in connection with a certified quality system according to module D of the directive 96/98/EC as amended.

The quality control has to comply to the requirements of the „Bundesanstalt für Materialprüfung“ (BAM) on the basis of Resolution MSC.81(70) (17) Part 2 section 4.

3) **Note:**

This product has been assigned a U. S. Coast Guard approval no. (USCG number) to note type approval to Module B only as it pertains to obtaining U. S. Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.

The U.S. Coast Guard approval number is:

160.121/EC0736/426.004

The equipment manufacturer has to be mark the equipment with this U.S. Coast Guard approval number.

Place of Production

Chemring Defence Germany GmbH
Vieländer Weg 147
27574 Bremerhaven
Germany