



## EC-Type Examination (Module B) Certificate

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Certificate-No. 424.003

Name and address of the manufacturer: Drew Marine Signal & Safety Ltd., Langstone Road, Havant, Hampshire PO9 1SA, U.K.

Date of issue: 31.12.2012

Annex A.1 Item No & Item designation: A.1/1.11- Line-throwing appliance

Product designation: Line-throwing appliance (pyrotechnics)

Product Type: **Pains Wessex LINETHROWER 250**

Intended purpose: Equipment according to SOLAS 74 as amended Chapter III

Testing based on (Specific standard): Resolution MSC.81(70) as amended.

Remarks: Compliance with SOLAS 74 as amended Chap. III/18,34 and IMO Resolution MSC.36(63), MSC.48(66), MSC.97(73). The type approval tests carried out at 26.03-28.03.2001 under the presence of surveyors of BG Verkehr and BAM (Rep.No.II.3/1730/01).

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 2011/75/EU subject to any conditions in the schedule (part of this certificate).

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

Expiry date: 31.12.2017

  
Signature (Brause)

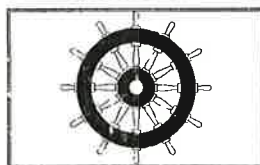


The approval of the installed equipment will be in force beyond the validity date until it is revoked!

**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 3 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

**Technical data/approved drawings and additional conditions and remarks:**

1.) Drawings:

<u>drawing no.</u>	<u>rev.</u>	<u>name</u>	<u>BG Verkehr</u>
5636-1000/10	m	Leinenwurfgerät, einzeln	23.02.2011
5636-1100.05/1	f	Schlagbolzen	23.02.2011
5636-1100/12	c	Seilbehälter	23.02.2011
5636-1300/1	c	Seilknäuel mit Stopfen	23.02.2011
5280-2121	a	Treibsatz mit Stirnisolation	14.04.2009

2.) Marking :

The manual has to be according to the muster approved by the BG Verkehr and BAM. Date of manufacture (month/year) and date of expiry (**max. 36 months**) is to be marked delivery of the production place.

**A permanent and seawater proof marking** with name of manufacturer, type, approval-number and the mark of conformity and the manual is required.

3.) Quality insurance 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 is to be done according to the requirements of the „Bundesanstalt für Materialprüfung“(BAM) on the basis of IMO Resolution MSC. 81(70) Part 2 section 4.

4.) Description: One line-throwing appliance consists of a launching device with projectile and a container with a square synthetic ropes, length 260 m, diameter 4 mm. The rope breaking strength is 4 kN, with knots at least 2 kN.

5.) Requirement: For compliance with SOLAS 74 as amended Chapter III /18 and LSA Code Chapter VII / 7.1.1 - four (4) line-throwing appliances as above mentioned must be stored on board.

State of production:

Drew Marine Signal & Safety Germany GmbH  
Vieländer Weg 147  
27574 Bremerhaven, Germany

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