



Marine Equipment Directive Module B Type Examination Certificate

This is to certify that TÜV SÜD BABT did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Life-saving Appliance requirements of Marine Equipment Directive 96/98/EC as amended by Commission Directive 2012/32/EU and that the equipment of

Daniamant Limited

of

Unit 3, The Admiral Park
Airport Service Road
Hilsea
Portsmouth
Hampshire
PO3 5RQ
United Kingdom

known as

L160, Hansson L160 and L160 Apollo

conforms to the relevant requirements as defined in Marine Equipment Directive

**Annex A.1/1.2 Position-indicating light for life saving appliances:
(b) For lifebuoys**

as defined in Commission Directive 2012/32/EU

on the basis of the Technical Data and information detailed in the Annex to this certificate.

Signed:

On Behalf of TÜV SÜD BABT

Issue Date: 31 July 2014

Number: BABT-MED001101 Issue: 02

This certificate has been issued in accordance with the Certification Regulations of TÜV SÜD BABT (Notified Body Number 0168) and constitutes page 1 of the combined Certificate and Annex

This certificate is valid from 31 July 2014 until not later than 30 July 2019

The Conditions for the validity of this certificate are listed in the Annex.
For further details related to this certification please contact BABT@tuv-sud.co.uk

TÜV SÜD BABT • TÜV SÜD Group

Forsyth House • Churchfield Road • Walton-on-Thames • Surrey • KT12 2TD • United Kingdom



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Annex to

Marine Equipment Directive Module B Type Examination Certificate

Description of Equipment

Lifebuoy light

Model: L160, Hansson L160 and L160 Apollo

IMO Resolutions

IMO Resolution MSC.81(70) Part 1
As amended by Resolution MSC.200(80), Resolution MSC.226(82)
and Resolution MSC.323(89)

Manufacturer:

Name: Daniamant Limited
Address: Unit 3, The Admiral Park
Airport Service Road
Hilsea
Portsmouth
Hampshire
PO3 5RQ
United Kingdom (UK)

and

Name: Daniamant ApS
Address: Industrivej 24C
3550 Slangerup
Denmark

Relevant Technical Documentation

Daniamant Technical File No TF012 Revision No 5

The above being a comprehensive listing of documentation relevant to type examination including:- Test reports, Installation and Maintenance instructions, details of Approved Hardware defining Overall Build Level, Circuit diagrams, technical drawings and Parts listings (BoM).



NOTES:-

- 1 Detailed operation, installation and necessary maintenance instructions are to be provided with each light.
- 2 Each light is to be marked in accordance with the LSA Code Regulations I/1.2.2.9 and 1.2.3, the serial number and identification of the manufacturer.
- 3 The arrangements and installation of the lifebuoy light on board are not part of this design appraisal or certificate and are to be to the satisfaction of the Surveyors attending on board.
- 4 The lifebuoy lights L160, Hansson L160 and L160 Apollo are approved for use with battery types CR 2/3A or CR123A.
- 5 The product conforms to performance standards not inferior to those adopted by the International Maritime Organisation (IMO) within LSA Code IMO Resolution MSC.48(66) and its latest applicable amendments.

Conditions of Validity

This issue of the Annex to the referenced Marine Equipment Module B Certificate relates to Issue 2 of the Certificate.

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 TÜV SÜD BABT or a person appointed by TÜV SÜD BABT to perform that role.

Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reappraised prior to it/them being placed on board vessels to which the amended regulations or standards apply.

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.

Signed:..... <i>M Hardy</i> on behalf of TÜV SÜD BABT	Date:..... <i>31st July 2014</i>
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