DNV·GL

Certificate No:
MEDB00003UA

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Bedding components

with type designation(s)
D0601 Type Spring Mattress

Issued to
Wuxi Jinbaishen Furniture Co., Ltd.
Jiangyin, China

is found to comply with the requirements in the following Regulations/Standards:
Regulation **(EU) 2017/306,**
item No. MED/3.21. SOLAS 74 as amended, Regulation II-2/3, II-2/9 & X/3, 2000 HSC Code 7 and IMO 2010 FTP Code

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-04-11**.

Issued at **Hamburg** on **2018-04-12**

DNV GL local station:
Jiangyin

Approval Engineer:
Pavel Golyshev

Notified Body
No.: **0098**

for **DNV GL SE**

Sven Dudszus
Head of Notified Body

A U.S. Coast Guard approval number will be assigned to the equipment when the production module has been completed and will appear on the production module certificate (module D, E or F), 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 mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.

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Product description

"D0601 Type Spring Mattress"
Mattress is composed of:

1. Cover material: 0.65 mm thick, flame-retardant treated, full-polyester fabric, surface density 394 g/m²
2. Sponge: 9 mm thick, made of polyurethane, density 30(±5%) kg/m³
3. Non-woven fabric: 0.7 mm - 0.8 mm thick, made of polypropylene, surface density 20 g/m²
4. Thermal blanket: 0.4 mm thick, flame-retardant treated, made of polyester, surface density 400 g/m²
5. Coil spring inner core: 165 mm in height
6. Thermal blanket: 0.4 mm thick, flame-retardant treated, made of polyester, surface density 400 g/m²
7. Non-woven fabric: 0.7 mm - 0.8 mm thick, made of polypropylene, surface density 20 g/m²
8. Sponge: 9 mm thick, made of polyurethane, density 30(±5%) kg/m³
9. Cover material: 0.65 mm thick, flame-retardant treated, full-polyester fabric, surface density 394 g/m²

Total mattress thickness: approximately 200 mm.

For further details of the mattress see Type Examination documentation below.

Application/Limitation

Approved for use throughout the accommodation as not readily ignitable bedding component.

Any thin light mattress or removable cover used in conjunction with the approved product is to be approved according to the Marine Equipment Directive.

Each product is to be supplied with its manual for use and maintenance

Type Examination documentation

Test report no. FT17299 dated 13th of December 2017, issued by Far East Fire Testing Centre (FEFTC), Shanghai, China.

Product drawing no. JBS-PD2017-01 Rev. 1.0 – Product structure diagram from the manufacturer.

Tests carried out

Tested according to IMO Resolution MSC.307(88) – 2010 FTP Code Annex 1, Part 9.

Marking of product

The product or packing is to be marked with name and address of manufacturer, type designation, fire technical rating, the MED Mark of Conformity and USCG approval number if applicable (see front page).