



EC TYPE EXAMINATION (MODULE B)

CERTIFICATE No. MED135021CS

This is to certify that RINA Services S.p.A. (Notified Body No. 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2021/1158.

MED Item N° **MED/3.16**

USCG Category N° **164.136**

Description **Fire doors**

Type **FIREROLL A0**

Applicant **BOLTON GATE COMPANY LIMITED**

WATERLOO STREET BOLTON BL1 2SP

UNITED KINGDOM

Testing standards **IMO Res. MSC.307(88)-(2010 FTP Code) - IMO MSC.1/Circ. 1319**

Reference standards **Chap. II-2 of SOLAS 74 Convention, as amended, RINA Rules for the certification of Marine Equipment**

Issued in Genoa on
September 14, 2021

This Certificate is valid until
July 19, 2026

This Certificate consists of this sheet plus an attachment

Enrico Cabella

RINA Services S.p.A.

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CERTIFICATE No. MED135021CS**

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Manufacturer

BOLTON GATE COMPANY LIMITED

Place of Manufacturer

WATERLOO STREET BOLTON BL1 2SP
UNITED KINGDOM

Product description

Roller shutter having maximum clear opening of 4880 mm (W) x 2780 mm (H) or maximum clear opening of 6000 mm (W) x 2260 mm (H) or maximum clear opening of 2420 mm (W) x 2420 mm (H) installed in a steel bulkhead.

The roller shutter consists of:

- a shaft;
- a rolled shutter (door leaf);
- two guide channels.

The shutter, made of profiled stripes, is rolled to the shaft and is directed into the guides. The guide channels are made of 3 mm thick U shaped steel sheet profiles having dimensions of 52 x 25 mm.

The roller shutter with clear opening up to 2420 mm (W) x 2420 mm (H) is fitted with shaft and stripes having the following characteristics:

- carbon steel stripes 0.7 mm thick and having maximum width of 51 mm;
- shaft 1.6 mm thick and having diameter of 101.6 mm.

The roller shutter with clear opening up to 4880 mm (W) x 2780 mm (H) or 6000 mm (W) x 2260 mm (H) are fitted with shaft and stripes having the following characteristics:

- carbon or stainless steel stripes 0.9 mm thick and having maximum width of 51 mm;
- shaft 3 mm thick and having diameter of 133 mm.

The shutter may be fitted with external motor (ref. test reports No. VTT-S-9021-08 dated 21 August 2008 and No. 2016CS01770 dated 20 July 2016), or tubular motor (ref. Warrington test report No. 163858 dated 28 June 2007) or manually operated (ref. Warrington test report No. 501639/R Issue No. 2 dated 10 September 2021).

Field of application

Fire resistant A-0 Class door. For doors exceeding 50% in surface area with respect to the tested doors, the installation on board has to be submitted, on a case-by-case basis, also to a full analysis based on Solas Regulation II-2/17 (alternative design).

In case of doors in compliance to the "Agreement between the European Community and the United States of America", the present certificate is valid at the following conditions:

- doors without windows or with total window area no more than 645 cm² in each door leaf
- maximum door size tested
- door used with a fire tested frame design



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Reference documents

Bolton Gate drawings enclosed to VTT Test Laboratory report No. VTT-S-9021-08 dated 21 August 2008.

Bolton Gate drawing No. 150267/01A dated 14 October 2015 approved on 14 October 2015 with endorsement No. LABS-1141.

Bolton Gate drawing No. 160192/01A dated 27 June 2016 approved on 20 July 2016 with endorsement No. LABS-1325.

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Tests carried out

Test as per VTT Test Laboratory report No. VTT-S-9021-08 issued on 21 August 2008 according to IMO Res. A. 754(18) and the following RINA Technical Reports:

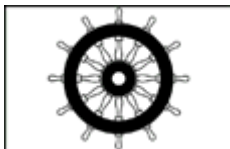
- No. 2013/004/TCHD dated 12 June 2013
- No. 13-273-H8 dated October 2015

Test as per RINA Test Laboratory report No. 2016CS01770 issued on 20 July 2016 according to IMO 2010 FTP Code Part 3.

This certificate annuls and replaces the certificate No. MED077016CS dated 20 July 2016 due to renewal.

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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 II of the Directive is fully complied with a written inspection agreement with a Notified Body



XXXX/YYYY

"WHEELMARK FORMAT"

XXXX *Notified Body number undertaking surveillance module*

YY *Last two digits of year mark affixed*

USCG Approval marking

This equipment is covered by the scope of 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 and amended by Decision No. 1/2018 dated February 18th, 2019 according to U.S. Coast Guard approval category **164.136**.

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 MED.

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the approval are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- e) The activities are to be carried out in compliance with the RINA Rules and/or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.



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