Lloyd's Register

Notified Body authorised by the MCA

Maritime & Coastguard Agency

Certificate No: LR2008207MB

Issue Date: 02/11/2019

Expiry Date: 01/11/2024

EC Type Examination (Module B) Certificate

USCG-EU MRA

This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), designated as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 2016 (S.I. 2016 No.1025), as amended, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	**Morgan Kailong (Jingmen) Thermal Ceramics Co., Ltd**
Address	No. 20-1, Quankou Road, Jingmen City, Hubei Province, 448032, China
Reference	Regulation (EU) 2019/1397
Regulation Item (No. & Item Designation)	MED/3.11A 'A' And 'B' Class Division, Fire Integrity - 'A' Class Divisions
Product Type	A-60 BULKHEAD
Product Description	Fire Resisting Steel Bulkhead Insulated on the Stiffened Face (Non-Fire Exposed Side) with "Kaowool FireMaster Blanket" (55mm thick on bulkhead and 25mm thick on stiffeners, 96kg/m^3 density)
Specified Standard	IMO Res.MSC.61(67)-(FTP Code) Annex 1, Part 3 IMO MSC/Circ.1120 IMO Res.MSC.307(88)-(2010 FTP Code), Section 8
Trade Name	Kaowool FireMaster Blanket

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

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Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK. A member of Lloyd's Register group.

Keith Taylor

Team Lead Fire & Safety to Lloyd's Register Verification Ltd
A member of the Lloyd's Register group

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EC Type Examination (Module B) Certificate

This certificate is issued under the authority of the MCA. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRV of any modification or changes to the equipment in order to obtain a valid Certificate.

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 on 27 February 2004 and amended by Decision No.1/2018 dated 18 February 2019 according to U.S. Coast Guard approval category USCG Module B number:

164.107/EC0038 & 164.105/EC0038

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).

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and 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."

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