

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of the Kingdom of Norway.

This is to certify:

That the Quality System for the products

with type designation(s) as specified in the Appendix to this Certificate

Issued to

Huanan Building Materials (Shenzhen) Co., Ltd.
SHENZHEN GUANGDONG, China

is found to comply with the applicable requirements.

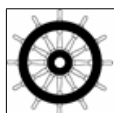
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2015/559.

This Certificate is valid until **2021-10-20**.

Issued at **Høvik** on **2016-10-21**

DNV GL local station:
China South CMC/ SIO

Approval Engineer:
Piotr Orzechowski



Notified Body
No.: **0575**

for **DNV GL AS**

Vidar Dolonen
Head of Notified Body



Job Id: **344.1-004400-21**
 Certificate No: **MEDD00000MS**

APPENDIX

Item no. A.1/3.16 Fire Doors

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
BJMB15 (II) Class B-15 Single Bulkhead Service Fire Door ¹	MEDB00001AJ	2021-07-25	0098	164.136/EC0098 /MEDB00001AJ /EC0575
MA60CXT Class A-60 Single Leaf Hinged Fire Door ¹	MEDB00001AD	2021-07-25	0098	164.136/EC0098 /MEDB00001AD /EC0575
MB15CT Class B-15 Single Leaf Hinged Fire Door ¹	MEDB00001AE	2021-07-25	0098	164.136/EC0098 /MEDB00001AE /EC0575
MB30CG-FYQM Class B-15 Single Leaf Hinged Fire Door ¹	MEDB00001AF	2021-07-25	0098	164.136/EC0098 /MEDB00001AF /EC0575
SZMA60CG-FYQM Class A-30/A-60 Double Leaf Hinged Fire Door ¹	MEDB00001AG	2021-07-25	0098	164.136/EC0098 /MEDB00001AG /EC0575
TJMB0 Class B-0 Ceiling Panel Access Door ¹	MEDB00001AK	2021-07-25	0098	164.136/EC0098 /MEDB00001AK /EC0575
ZMA60CG-FYQM Class A-60 Single Leaf Hinged Fire Door ¹	MEDB00001AH	2021-07-25	0098	164.136/EC0098 /MEDB00001AH /EC0575
Marine ZMA15CX Type Class A-15 Fire Door ¹	MEDB000014Y	2021-07-11	0575	164.136/EC0575 /MEDB000014Y
Marine ZMB15CXT (I) Type Class B-15 Fire Door ¹	MEDB000014Z	2021-07-11	0575	164.136/EC0575 /MEDB000014Z
SZMA60CX Type Class A-60 Fire Door ¹	MEDB0000023	2020-08-02	0575	164.136/EC0575 /MEDB0000023
YMA60C Type Class A-60 Sliding Door ¹	MEDB0000024	2020-08-02	0575	164.136/EC0575 /MEDB0000024
MB15CXT(I) Type Class B-15 Fire Door ¹	MED-B-9401	2019-10-22	0575	164.136/EC0575 /9401
SMA60CX A-60 Double Leaf Fire Door ¹	MED-B-9354	2019-10-10	0575	164.136/EC0575 /9354
Marine MA15CX Type A-15 Class Fire door ¹	MED-B-8859	2019-03-25	0575	164.136/EC0575 /8859
Marine SMA15CX Type A-15 Class Double Leaf Fire Door ¹	MED-B-8856	2019-03-25	0575	164.136/EC0575 /8856
Marine SMKB15CXT Type B-15 Class Double Leaves Fireproof Door ¹	MED-B-8855	2019-03-25	0575	164.136/EC0575 /8855
MKB15CXT Type Class B-15 Fire Door ¹	MED-B-8854	2019-03-25	0575	164.136/EC0575 /8854
MB15FD (III) Class B-15 Single Leaf Hinged Fire Door ¹	MEDB00001S1	2019-03-20	0098	164.136/EC0098 /MEDB00001S1 /EC0575

Item no. A.1/3.25 Windows and side scuttles

Job Id: **344.1-004400-21**
Certificate No: **MEDD00000MS**

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
XCA60-NW type class A-60 fire side scuttle ¹	MED-B-9345	2019-10-10	0575	N/A

Item no. A1/3.11a "A" Class divisions, fire integrity

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SB25C(I) non-load bearing ¹	MEDB00000AA	2020-10-26	0575	N/A

Item no. A1/3.11b "A" and "B", Class divisions, fire integrity

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SB25C Class B-15 Double-Bulkhead Plate ¹	MEDB00001AM	2021-07-25	0098	164.108/EC0098 /MEDB00001AM /EC0575

Item no. A1/3.11b "B" Class divisions, fire integrity

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
B50AD Type Class B-15 Bulkhead ¹	MEDB0000150	2021-07-19	0575	164.108/EC0575 /MEDB0000150
B25A Type Class B-0 Lining ¹	MEDB0000152	2021-07-11	0575	164.108/EC0575 /MEDB0000152
B50AGa Type Class B-15 Bulkhead ¹	MEDB0000151	2021-07-11	0575	164.108/EC0575 /MEDB0000151
SB25CXY Type Class B-15 Bulkhead ¹	MEDB0000153	2021-07-11	0575	164.108/EC0575 /MEDB0000153
T50AXY (II) Type Class B-15 Ceiling ¹	MEDB000014X	2021-07-11	0575	164.108/EC0575 /MEDB000014X
T25FXY(I) Type Continuous Class B-0 Ceiling ¹	MEDB0000021	2020-08-02	0575	164.110/EC0575 /MEDB0000020
T50D type Continuous Class B-15 Ceiling ¹	MEDB0000022 Rev.1	2020-08-02	0575	164.110/EC0575 /MEDB0000022 Rev.1
T50F(I) Type Continuous Class B-15 Ceiling ¹	MEDB0000020	2020-08-02	0575	164.110/EC0575 /MEDB0000020
T30A (II) Ceiling B15 with accessories ¹	MED-B-9756	2020-04-10	0575	164.110/EC0575 /9756
B50MGd (III) B-15 Bulkhead Panel ¹	MED-B-9352	2019-10-10	0575	164.108/EC0575 /9352
Marine T50A(II) type continuous B-15 class ceiling ¹	MED-B-9296	2019-10-10	0575	164.110/EC0575 /9296
B50A Bulkhead Panel ¹	MED-B-9069	2019-05-23	0575	164.108/EC0575 /9069
B50C Bulkhead Panel ¹	MED-B-9070	2019-05-23	0575	164.108/EC0575

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T50H Ceiling Panel ¹	MED-B-9068	2019-05-23	0575	164.110/EC0575/9068
B50M (III) Type B-15 Class Bulkhead Panel ¹	MED-B-8858	2019-03-25	0575	164.108/EC0575/8858
Marine T50Z Type Continuous B-15 Class Ceiling ¹	MED-B-8857	2019-03-25	0575	164.110/EC0575/8857

Item no. A1/3.18a Surface materials and floor coverings with low flame-spread characteristics: decorative veneers

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
BLG II type GRP composite materials ¹	MED-B-8145	2018-01-30	0575	164.112/EC0575/8145

Item no. A1/3.18c Surface materials and floor coverings with low flame-spread characteristics: floor coverings

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
D-SYS I type Quartz sand floor coverings ¹	MED-B-8726	2019-02-14	0575	164.117/EC0575/8726

Places of production

1.Huanan Building Materials (Shenzhen) Co., Ltd., Nanzhou Village, Machong Town, Dongguan, China