



Marine & Offshore

Certificate number: 50013/A2 MED

File number: AC11000/558/004

Item number: MED/3.11b

This certificate is not valid when presented without the full attached schedule
composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2020/1170 of 16 July 2020

This certificate is issued to:

OTIMA INDUSTRIES
LA SELLE DE LUITRE - FRANCE

for the type of product

"B" CLASS DIVISIONS, FIRE INTEGRITY
B-0 Class Bulkhead, type "B0-2-OTIMA"

Requirements:

SOLAS 74 convention as amended, Regulations II-2/9, II-2/3.4
IMO Res MSC.307(88) -(2010 FTP Code)-
IMO MSC/Circ.1120 and IMO MSC.1/Circ.1581

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.


This certificate will expire on: 27 Oct 2022

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV SAINT-NAZAIRE, on 07 Jun 2021,

Francois LOPINOT



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

B-0 Class Bulkhead - Type "B0-2-OTIMA"

Composed of :

- panels made of 20 mm thick mineral wool "**SeaRox SL 480**" (density 200 kg/m³, from ROCKWOOL) or "**Slab 200**" (density 200 kg/m³, from PAROC),
- steel sheet, 0.7 mm thick on exposed side.

The steel sheets are glued to the insulating core with glue "**KLEIBERIT 700.5**" (application rate 120 g/m², from KLEBCHÉMIE M.G. Becker GmbH & Co. KG)

Bulkhead frame was made of :

- on upper part by a rail made of two 0.2 mm thick steel L-profiles (60 x 40 mm)
- on lower part by a rail made of two 0.2 mm thick steel L-profiles (40 x 40 mm)
- on vertical parts by jambs made of two 0.2 mm thick steel L-profiles (40 x 50 mm)

This frame was fixed to the concrete frame by steel screws (Ø10 x 35 mm), with a 500 mm maximum spacing.

The panels were jointed to each other by the bended steel sheet at the edge of one panel inserted in the bended steel sheet at the edge of the adjacent panel:

- profile of exterior panel closing: 15 x 30 x 610 x 29.2 x 17.4 mm
- profile of exterior panel opening: 30 x 1 x 18.8 x 30.2 x 610 x 29.2 x 17.4 mm
- profile of central panel: 30 x 1 x 18.8 x 30.2 x 600 x 30 x 15 mm

The panels were fixed together by steel rivets (Ø3.2 x 4.8 mm), with a 220 mm maximum spacing, on each edge of the panels.

This bulkhead was fixed to the frame by self-drilling screws (Ø4.2 x 16 mm), with a 142 mm maximum spacing.

Maximum width of panel:	600 mm
Total thickness of insulating panel:	20.7 mm
Overall thickness of bulkhead:	30 mm

2. DOCUMENTS AND DRAWINGS:

As per Manufacturer drawings N° 12271001 rev.B dated 07/06/2018, N° 22271002 rev.B dated 16/11/2016, N° 12271010 dated 07/06/2018, N° 12271011 rev.B dated 04/10/2016 and N° 12271012 rev.B dated 04/10/2016.

3. TEST REPORTS:

3.1 - Test report N° EFR-18-V-001774 - Révision 1 dated 19/03/2019, as per IMO 2010 FTP Code Annex 1 Part 3, from EFECTIS, France.

3.2 - Alternative wool: technical assessment N°19/1 - Révision 1 dated 19/03/2019 based on test report N° EFR-18-V-001774 - Révision 1, from EFECTIS, France.

3.3 - Tested side being the worst case: technical assessment N°21/2 dated 01/06/2021 based on test report N° EFR-18-V-001774 - Révision 1, from EFECTIS, France.

4. APPLICATION / LIMITATION:

4.1 - The following components shall comply with the requirements of MED 2014/90/EU, and be wheelmarked:

- the insulating materials "**SeaRox SL 480**" and "**Slab 200**",
- the adhesive material "**KLEIBERIT 700.5**",
- any added finish surface material(s).

4.2 - The fitting aboard to be the same as used for the test.

5. PRODUCTION SURVEY REQUIREMENTS:

This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

6. MARKING OF PRODUCT:

Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

7. OTHERS:

7.1 - It is **OTIMA INDUSTRIES**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This Certificate supersedes EC Type Examination Certificate n°50013/A1 MED issued on 26/03/2019 by the Society.

***** END OF CERTIFICATE *****



Marine & Offshore

Certificate number: 55247/A1 MED

File number: AC1000/558/005

Item number: MED/3.11b

This certificate is not valid when presented without the full attached schedule composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2020/1170 of 16 July 2020

This certificate is issued to:

OTIMA INDUSTRIES
LA SELLE DE LUITRE - FRANCE

for the type of product

"B" CLASS DIVISIONS, BULKHEAD PANELS, FIRE INTEGRITY
Bulkhead, type "B15-3-OTIMA"

Requirements:

SOLAS 74 convention as amended, Regulations II-2/9, II-2/3.4
IMO Res MSC.307(88) -(2010 FTP Code)-
IMO MSC/Circ.1120 and IMO MSC.1/Circ.1581

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.

This certificate will expire on: 26 Nov 2023

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV SAINT-NAZAIRE, on 07 Jun 2021,

Francois LOPINOT



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

B-15 Class Bulkhead - Type "B15-3-OTIMA":

Composed of :

- panels made of 30 mm thick mineral wool "MHTB D180" (density 180 kg/m³, from KNAUF).
- steel sheets, 0.7 mm thick on each side.

The steel sheets are glued to the insulating core with glue "ISOLEMFI 3104" (application rate 200 g/m², from EMFI SAS).

Bulkhead frame was made of :

- on upper part by a rail made of two 0.2 mm thick steel L-profiles (60 x 40 mm)
- on lower part by a rail made of two 0.2 mm thick steel L-profiles (40 x 40 mm)
- on vertical parts by jambs made of two 0.2 mm thick steel L-profiles (40 x 50 mm)

This frame was fixed to the concrete frame by steel screws (Ø10 x 35 mm), with a 460 mm maximum spacing.

The panels were fixed to each other by the bended steel sheet at the edge of one panel inserted in the bended steel sheet at the edge of the adjacent panel:

- profile of exterior panel closing:
 - 6 x 28.5 x 107.3 x 27 mm (exterior steel sheet)
 - 6 x 28.5 x 108 x 27 mm (interior steel sheet)
- profile of exterior panel opening:
 - 27 x 112.4 x 3 x 23 x 11 mm (exterior steel sheet)
 - 27 x 112.4 x 29.3 x 13 mm (interior steel sheet)
- profile of central panel:
 - 6 x 28.5 x 1071.5 x 3 x 23 x 11 mm (exterior steel sheet)
 - 6 x 28.5 x 1071.5 x 29 x 13 mm (interior steel sheet)

The panels were fixed together by steel rivets (Ø3.2 x 4.8 mm), with a 220 mm maximum spacing, on each edge of the panels.

This constituted bulkhead was fixed to the peripheral frame by self-drilling screws (Ø4.2 x 16 mm), with a 155 mm maximum spacing.

Each frame assembly gap was filled with mineral wool "MHTB D180" (density 180 kg/m³, from KNAUF).

Maximum width of panel: 1126.5 mm

Total thickness of the panel: 30 mm

2. DOCUMENTS AND DRAWINGS:

As per Manufacturer drawings:

- N° 12271005-ASSEM rev.B	dated 16/05/2018
- N° 12271006-ASSEM rev.B	dated 18/05/2018
- N° 12271015-ASSEM rev.B	dated 14/06/2018
- N° 12271016-ASSEM rev.B	dated 17/05/2018
- N° 22271062-PART rev.B	dated 16/05/2018
- N° 22271063-PART rev.B	dated 16/05/2018
- N° 22271064-PART rev.B	dated 16/05/2018
- N° 22271065-PART rev.B	dated 19/06/2018
- N° 222710151-PART rev.A	dated 18/05/2018
- N° 222710152-PART rev.A	dated 18/05/2018
- N° 222710161-PART rev.B	dated 18/05/2018
- N° 222710162-PART rev.B	dated 18/05/2018
- N° 3922710151_LR-PART rev.B	dated 17/05/2018
- N° 3922710161_LR-PART rev.B	dated 18/05/2018

3. TEST REPORTS:

3.1 - Test report N° EFR-18-V-001842 dated 18/09/2018, as per IMO 2010 FTP Code Annex 1 Part 3, from EFECTIS, France.

3.2 - Technical assessment N° 18/1 (based on test report N° EFR-18-V-001842), dated 19/09/2018, from EFECTIS, France.

4. APPLICATION / LIMITATION:

4.1 - The fitting aboard to be the same as used for the test.

4.2 - The following component(s) shall comply with the requirements of MED 2014/90/EU, and be wheelmarked :

- the insulating materials "**MHTB D180**"
- the adhesive material "**ISOLEMFI 3104**"
- any added finish surface material(s).

5. PRODUCTION SURVEY REQUIREMENTS:

This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

6. MARKING OF PRODUCT:

Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

7. OTHERS:

7.1 - It is **OTIMA INDUSTRIES**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This Certificate supersedes EC Type Examination Certificate N° 55247/A0 MED issued on 26/11/2018 by the Society.

***** END OF CERTIFICATE *****



Marine & Offshore

Certificate number: 60228/A1 MED

File number: AC13500/057/001

Item number: MED/3.11b

This certificate is not valid when presented without the full attached schedule
composed of 7 sections
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Notified Body 2690 - MARINE EQUIPMENT DIRECTIVE 2014/90/EU

EC TYPE EXAMINATION CERTIFICATE

as per Module B of Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2020/1170 of 16 July 2020

This certificate is issued to:

OTIMA INDUSTRIES
LA SELLE DE LUITRE - FRANCE

for the type of product

"B" CLASS DIVISIONS, STRUCTURAL CEILINGS, FIRE INTEGRITY
B-15 CLASS SANITARY UNIT OTIMA

Requirements:

SOLAS 74 convention as amended, Regulations II-2/9, II-2/3.4
IMO Res. MSC.61(67) -(FTP Code)- with IMO Res MSC.307(88) -(2010 FTP Code)- article 8
IMO MSC/Circ.1120 and IMO MSC.1/Circ.1581

This certificate is issued on behalf of the French Maritime Authorities to attest that Bureau Veritas Marine & Offshore did undertake the relevant type-examination procedures for the product identified above which was found to comply with the relevant requirements of the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations.


This certificate will expire on: 30 Jan 2025

For Bureau Veritas Marine & Offshore Notified Body 2690,

At BV SAINT-NAZAIRE, on 07 Jun 2021,

Francois LOPINOT



This certificate does not allow to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark ) to the products corresponding to this type. To this end, the production-control phase module (D, E or F) of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a notified body.

This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. Bureau Veritas Marine & Offshore is designated by the French Maritime Authority as a "notified body" under the terms of the French Regulations Division 140 Chapter 140-2. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION:

B-15 CLASS SANITARY UNIT OTIMA

1.1 - Bulkheads:

Composed of several panels which are straight or bended with an angle. Junctions are located at angles or between two colinear panels. The assembly can be maintained additionally with steel angle profiles at panel angles and self-tapping screws.

Panels are made of 28.6 mm thick mineral wool "**Sea-Tek® BD 180**" (former "**TERVOL BS 18**"; nominal density 180 kg/m³; manufactured by KNAUF) covered on both sides with 0.7 mm thick galvanized steel sheets by "**ISOLEMFI 3104 MONO**" glue (application rate 200 g/m²; manufactured by EMFI S.A.S.).

1.2 - Bottom (base frame):

Composed of 1.5 mm thick (minimal) galvanized or stainless steel receiver, with sides insulated on its periphery with 8 mm and 20 mm thick "**SeaRox SL 480**" (former "Marine Slab 200"; nominal density 200 kg/m³; manufactured by Rockwool) glued by "**EMFIMASTIC PU 40**" (maximal application rate 120 g/m²; manufactured by EMFI S.A.S.).

1.3 - Ceiling:

Composed of two 20 mm thick layers of mineral wool "**Sea-Tek® BD 180**" (former "**TERVOL BS 18**"; nominal density 180 kg/m³; manufactured by KNAUF), both inserted between 0.7 mm thick steel sheets glued by "**EMFIMASTIC PU 40**" adhesive (application rate 120 g/m²; manufactured by EMFI S.A.S.) or "**KLEIBERIT**" glue (application rate 120 g/m²; manufactured by KLEMCHEMIE).

2. DOCUMENTS AND DRAWINGS:

As per the Manufacturer drawings "Assemblage cloison" rev.A1, "Chassis essai feu BS B-15" rev.A1, "Sanitary unit fire test - B-15 Class" rev.A1 dated 15/10/2009 and "Plafond essai feu" rev.A1.

3. TEST REPORTS:

3.1 - Test reports from EFECTIS, France:

- half part of sanitary unit: N° 09-V-491 dated 14/01/2010, IMO FTP Code Annex 1 Part 3.

3.2 - Technical assessments based on test report N° 09-V-491 from EFECTIS, France:

- bulkhead (panels):
 - N° 11/4 dated 25/05/2011 (addition of a 0.7 mm thick vertical electro galvanised steel stiffener, folded in Ω shape, at the mid-width of each panel).
- bottom (base frame):
 - N° 10/1 dated 19/07/2010 (polyester receiver replaced by a stainless steel receiver covered with ceramic pieces).
 - N° 11/5 dated 24/08/2011 (polyester receiver replaced by a 2 mm thick stainless steel receiver equipped with a 1.5 mm thick stainless steel belt covered with ceramic pieces. Continuous weld bead on the B-15 area and weld points on other areas.).
 - N° 11/7 dated 08/11/2011 (polyester receiver replaced by a 2 mm thick stainless steel receiver equipped with a 1.5 mm thick stainless steel belt covered with ceramic pieces, glued and with minimum thickness 5.5 mm. Weld points every 300 mm max. Insulation thickness 8 mm min.).
- ceiling:
 - N° 11/2 dated 16/05/2011 (modification of the insulation: two 20 mm thick layers of mineral wool "TERVOL BS 18" instead of a 12 mm thick layer "PAROC PV 250" and a 20 mm thick - compressed to 16 mm - layer of "ROCKWOOL 213")
 - N° 11/3 dated 02/03/2011 (modification of the insulation: a 17 mm thick and a 20 mm thick layers of mineral wool "TERVOL BS 18" instead of a 12 mm thick layer "PAROC PV 250" and a 20 mm thick - compressed to 16 mm - layer of "ROCKWOOL 213")
 - N° 19/8 dated 24/06/2019 ("Teopur 4010 A/1-60 FR" adhesive from HENKEL replaced by "EMFIMASTIC PU 40" adhesive from EMFI).
 - N° 19/9 dated 23/07/2019 ("Teopur 4010 A/1-60 FR" adhesive from HENKEL replaced by "Kleiberit" adhesive from KLEMCHEMIE).

4. APPLICATION / LIMITATION:

4.1 - The fitting aboard to be the same as used for the test.

4.2 - The following components shall comply with the requirements of MED 2014/90/EU, as amended, and be wheelmarked:

- the insulating materials "**Sea-Tek® BD 180**" and "**SeaRox SL 480**",
- the adhesive materials "**ISOLEMFI 3104 MONO**", "**EMFIMASTIC PU 40**" and "**KLEIBERIT**",
- any added finish surface material(s).

5. PRODUCTION SURVEY REQUIREMENTS:

This certificate alone does not allow the applicant to issue the Declaration of Conformity and to affix the mark of conformity (wheelmark) to the products corresponding to this type. To this end, the production-control phase module D Production Quality Assurance or module E Product Quality Assurance or module F Product Verification of Annex II of the Directive is to be complied with and controlled by a written inspection agreement with a Notified Body.

6. MARKING OF PRODUCT:

Reference is made to MED 2014/90/EU chapter 2.

In particular Article 10.3 specifies that the wheelmark shall be followed by the identification number of the Notified Body involved in the production control phase (module D, E or F) and by the year in which the mark is affixed (4 digits or last 2 digits).

7. OTHERS :

7.1 - It is **OTIMA INDUSTRIES**'s responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

7.2 - This Certificate supersedes EC Type Examination Certificate N°60228/A0 MED issued on 30/01/2020 by the Society.

***** END OF CERTIFICATE *****



Marine & Offshore

Certificate number: SMS.MED2.D/98446/02/B.2

Notified Body N° 2690

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MED 2014/90/EU QUALITY SYSTEM MODULE D CERTIFICATE

This certificate is issued under the French Maritime Authority, in compliance with the Directive 2014/90/EU of the European Parliament and of the Council of 23 July 2014 as transposed in the French Regulations and Commission Implementing Regulation (EU) 2020/1170 of 16 July 2020, to:

OTIMA INDUSTRIES LA SELLE DE LUITRE - FRANCE

Summary of the range of the recognition which is detailed in the subsequent page(s):

- "B" CLASS DIVISIONS, BULKHEAD PANELS, FIRE INTEGRITY
- "B" CLASS DIVISIONS, FIRE INTEGRITY
- "B" CLASS DIVISIONS, STRUCTURAL CEILINGS, FIRE INTEGRITY

This certificate is issued to attest that Bureau Veritas Marine & Offshore, notified body number 2690, did undertake, at the above company's request, an assessment of the quality system for production quality assurance related to the equipment of the type described in EC type-examination (Module B) certificate(s) listed in the subsequent page(s). Bureau Veritas Marine & Offshore, notified body number 2690, has considered that the quality system operated was satisfying the applicable requirements of the Marine Equipment Directive 2014/90/EU as amended.

This certificate will expire on: 21 Nov 2022

For Bureau Veritas Marine & Offshore,
At BV BORDEAUX, on 08 Jun 2021,
Gabriel ZIMMER



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

ANNEX

1. SCOPE

Products

App. number	Sign date	Validity date	Item designation	Trade name	Comment
50013/A2 MED	07 Jun 2021	27 Oct 2022	"B" CLASS DIVISIONS, FIRE INTEGRITY - MED/3.11b	B-0 Class Bulkhead, type "B0-2-OTIMA"	
55247/A1 MED	07 Jun 2021	26 Nov 2023	"B" CLASS DIVISIONS, BULKHEAD PANELS, FIRE INTEGRITY - MED/3.11b	Bulkhead, type "B15-3-OTIMA"	
60228/A1 MED	07 Jun 2021	30 Jan 2025	"B" CLASS DIVISIONS, STRUCTURAL CEILINGS, FIRE INTEGRITY - MED/3.11b	B-15 CLASS SANITARY UNIT OTIMA	

2. LIMITATIONS

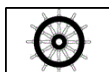
The EC type-examination certificates listed in the scope are to be valid.

Bureau Veritas Marine & Offshore is to be informed immediately of any modification to the quality system in order to agree on appropriate actions.

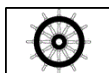
OTIMA INDUSTRIES has to apply for the periodical audits as agreed with Bureau Veritas Marine & Offshore.

OTIMA INDUSTRIES must draw up a written EC declaration of conformity to type in compliance with the article 16 of the MED 2014/90/EU.

OTIMA INDUSTRIES must affix the mark of conformity in compliance with the articles 9 and 10 of the MED 2014/90/EU taking into consideration the 2 following examples:



2690/XXXX Where XXXX is the year in which the mark is affixed or



2690/ZZ Where ZZ are the two last digits of the year in which the mark is affixed.

3. PERIMETER OF CERTIFICATION

Quality system of following site(s) has been assessed:

OTIMA INDUSTRIES - LA SELLE DE LUITRE - FRANCE

4. REMARKS

Nil.

*** END OF CERTIFICATE ***