



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS  
No. FAB006520XP**

**This is to certify** that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

|  |  |
|--|--|
| <i>Description<br/>Type</i>                  | <b>Hull steel bulb flats and sections<br/>SECTIONS IN THE GRADES A, B, D, A32, A36, D36 OF THE<br/>THICKNESS 25 MM MAXIMUM (FLAT BARS AND WIDE<br/>BARS)</b> |
| <i>Manufacturer<br/>Place of manufacture</i> | <b>CMC POLAND SP. Z O.O.<br/>UL. PILSUDSKIEGO 82<br/>42-400 Zawiercie<br/>POLAND</b>   |
| <i>Reference standards</i>                   | <b>RINA Rules for the approval of manufacturers of materials</b>   |

Issued in **RINA Poland Marine** on **April 15, 2020**. This Certificate is valid until **April 11, 2025**



 **Kinga Zielinska**  
Marine Surveyor  
RINA Services S.p.A.

**RINA Services S.p.A.**  
**Kinga Zielinska**

This certificate consists of this page and 1 enclosure





**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS**

No. FAB006520XP

Enclosure - Page 1 of 1

**SECTIONS IN THE GRADES A, B, D, A32, A36, D36 OF THE THICKNESS 25 MM MAXIMUM (FLAT BARS AND WIDE BARS)**

**APPROVAL CONDITIONS**

**Steel making:** electric and furnace

Deoxidation practice, conditions of supply and thickness:

| Steel grades           | Deoxidation practice and fine grained elements | Conditions of supply and max thickness |
|------------------------|--|--|
| A, B, D, A32, A36, D36 | killed   | as rolled - 25 mm                      |

**General conditions for the approval**

- The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.
- RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

 Kinga Zielińska  
Marine Surveyor  
RINA Services S.p.A.

**RINA Poland Marine**  
**April 15, 2020**

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**LABORATORY RECOGNITION STATEMENT**  
No. REC019721XP/001

This is to certify that:

|                             |   |
|-----------------------------|---|
| <i>Description</i>          | <b>Laboratory Recognition</b>   |
| <i>Type</i>                 | <b>Destructive and Nondestructive tests and measurements of materials and products of marine and industrial structures.</b> |
| <i>Manufacturer</i>         | <b>CMC POLAND SP. Z O.O.</b>  |
| <i>Place of manufacture</i> | <b>UL. PILSUDSKIEGO 82<br/>42-400 Zawiercie<br/>POLAND</b>  |
| <i>Reference standards</i>  | <b>RINA Rules for the Recognition of Testing Laboratories</b>   |

has been found in compliance with the requirements of the RINA "RULES FOR THE ASSESSMENT OF TESTING LABORATORIES" for the performance of the tests listed in the attachment to this certificate

Issued in **RINA Poland Marine** on **April 9, 2021**. *This Certificate is valid until* **April 14, 2025**

  
Adam Konrad Lobodzinski  
*Adam Konrad Lobodzinski*

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**RINA Services S.p.A.**  
**Adam Konrad Lobodzinski**

This certificate consists of this page and 1 enclosure

**LABORATORY RECOGNITION STATEMENT**

No. REC019721XP/001

Enclosure - Page 1 of 1

**Destructive and Nondestructive tests and measurements of materials and products of marine and industrial structures.**

| LIST OF TESTS                             |                       |                                 |  |  |  |
|---|-----------------------|---------------------------------|--|--|--|
| PROCESS                                   | TEST                  | STANDARD                        |  |  |  |
| Non-destructive testing of metallic parts | Visual testing (VT)   | PN-EN ISO 9443<br>PN-EN 10163-2 |  |  |  |
| Destructive testing of metallic parts     | Tensile Strength Test | PN-EN ISO 6892-1                |  |  |  |
| Destructive testing of metallic parts     | Impact Test           | PN-EN ISO 148-1                 |  |  |  |

**General conditions for the approval**

- a) The initial conditions verified by RINA at the time of the assessment 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) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- d) The activities are to be carried out in compliance with RINA Rules and /or other applicable Rules

  
Adam Lobodziński  
RINA Services S.p.A.  
Gdansk Marine Manager  
Jurisdiction: Poland, Slovakia, Czech Republic  


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**Signature**

**RINA Poland Marine April 9, 2021**