



Marine & Offshore
Division

Certificate number: 17901/C0 BV

File number: MAT 53269 - 2006

Product code: 8154I

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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APPROVAL CERTIFICATE for MATERIALS

This certificate is issued to

FONDERIE PENA SA
MERIGNAC CEDEX - FRANCE

for the type of product

STEEL CASTINGS

Carbon and stainless steel castings with maximum weight 600 kg

Requirements:

Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units

This certificate is issued to attest that BUREAU VERITAS did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate will expire on: 11 Oct 2021

For BUREAU VERITAS,

At BV BORDEAUX, on 11 Oct 2016,

Frédéric PALLARD



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. 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. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division 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 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 :

- Carbon and stainless steel castings.
- Steelmaking by induction furnace.
- Maximum weight capacity 600kg.

2. DOCUMENTS AND DRAWINGS :

- "Approbation de la Fonderie PENA" issued by Fonderie PENA SA and dated 19 June 2006.

3. TEST REPORTS :

Typical tested grades are :

- CF3M and CF8M according to ASTM A351 for stainless steels.
- WCB according to ASTM A216 for carbon steels.

As per following documentations issued by Fonderie PENA SA:

- Certificat Analyse Report N°412, dated 03 May 2006.
- Certificat Analyse Report N°947, dated 22 September 2005.
- Certificat Analyse Report N°410, dated 03 May 2006.
- Certificat Analyse Report N°942, dated 14 September 2005.
- Certificat Analyse Report N°648 and N°649, dated 20 July 2006.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification.

Steel grade specification is to be as per Bureau Veritas Materials Rules for Classification of Steel Ships and/or specification mentioned on examined drawings, as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

The carbon and stainless steel castings are to be supplied by Fonderie PENA SA in compliance with the type and the requirements described in this certificate.

This type of product is within the category IBV of Bureau Veritas Rule Note NR320.
BV product certificate is required.

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification.

7. OTHERS :

This certificate replaces approval numbers No.17901/A0 BV and No.17901/B0 BV.

*** END OF CERTIFICATE ***