



Marine & Offshore

Certificate number: 22786/B2 BV

File number: MAT 77254 - 2010

Product code: 8999H

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

A.C.P. SpA
Cividate al Piano - ITALY

for the type of product

SEMI-FINISHED PRODUCTS

Ingots for forged and rolled products in Carbon, Carbon-Manganese and alloy steels

Requirements:

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

This certificate is issued to attest that Bureau Veritas Marine & Offshore 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: 03 Mar 2020

For Bureau Veritas Marine & Offshore,

At BV VENEZIA, on 09 Jul 2019,

Sandro BRUSEGAN



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. 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 :

Semi-finished ingots for forged and rolled products. Maximum ingot weight 120 tons.

Steelmaking in Electric Arc Furnace and LF Refining; Ingot made by Open Die Forging.

2. DOCUMENTS AND DRAWINGS :

- "OLIFER-ACP S.P.A." issued by OLIFER-ACP S.P.A., and , "A.C.P. SRL" Revision No.01 dated 17/05/2016.

3. TEST REPORTS :

Typical tested grades are :

- C45 according to EN10083-2 for Carbon steels.
- WStE355 according to DIN17103 for Carbon-manganese steels.
- F91 according to ASTM A182 and 42CrMo4 according to EN 10083-3 for Alloy steels.

- "OLIFER-ACP S.P.A. - Enclosures 2, 3 & 4", and, "A.C.P. SRL-Enclosures 2, 3 & 4" Revision No.01 dated 17/05/2016.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification. Chemical composition, tensile properties, and Charpy-V notch test requirements are to be as per Bureau Veritas Rules NR216 and/or alternative specification mentioned on reviewed documents and drawings as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The steel ingots are to be supplied by A.C.P. S.p.A. in compliance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - A.C.P. S.p.A. has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, A.C.P. S.p.A. has declared to Bureau Veritas the following production site:

A.C.P. S.p.A.
Loc. Motta Alta, 14
24050 CIVIDATE AL PIANO (BG)

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification.

7. OTHERS :

This certificate replaces approvals No.22786/A0 BV and No.22786/B0 BV.

*** END OF CERTIFICATE ***