



MARINE DIVISION

Certificate number: 19268/B0 BV

File number: MAT 24561 - 2007

Product code: 8153I

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

FORGIATURA MODERNA ARESE
ARESE (MI) - ITALY

for the type of product

STEEL FORGINGS

Carbon, carbon-manganese and alloy steel forgings with maximum weight 50 tons.

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: 08 Jan 2018

For BUREAU VERITAS,

At BV GENOA, on 08 Jan 2013,

Gianni Pirovano



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 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, carbon-manganese and alloy steel forgings of maximum weight 50 tons.

Incoming steel in ingot casting. Forgings delivered in Normalised, Quenched and Tempered condition (N, Q+T).

2. DOCUMENTS AND DRAWINGS :

- "Approval documentation" issued by Forgiatura Moderna Arese and received 22 March 2007.

3. TEST REPORTS :

- "Material approval" issued by Forgiatura Moderna Arese and received 22 March 2007.

- "Test report RP01075" issued by Forgiatura Moderna Arese and dated 18 December 2006.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification.

5. PRODUCTION SURVEY REQUIREMENTS :

The steel forgings are to be supplied by Forgiatura Moderna Arese 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 cancels and replaces approvals number 19268/A0 BV dated 07 May 2007.

*** END OF CERTIFICATE ***