



Marine & Offshore

Certificate number: 73572/A0 BV

File number: MAT 65553-2022

Product code: 8153I

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

www.veristar.com

APPROVAL CERTIFICATE for MATERIALS

This certificate is issued to

LOIRE INDUSTRIE
SAINT CHAMOND - FRANCE

for the type of product

STEEL FORGINGS

Forgings in Carbon-manganese steel with maximum weight 1600Kg.

Requirements:

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

FOR information only

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: 25 Nov 2027

For Bureau Veritas Marine & Offshore,

At BV LYON, on 25 Nov 2022

This certificate was created electronically and is valid without signature

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 :

Carbon-manganese steel forgings with maximum weight 1600Kg. Typical products are rings.

No steelmaking. Forgings are made from ingot castings by open die forging and ring rolling. Forgings are heat treated at Saint Chamont or Montverdun, as applicable.

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 Materials Rules NR216 and /or alternative specification mentioned on received documents and drawings, as applicable.

*** END OF CERTIFICATE ***

For information only