



Marine & Offshore

Certificate number: 65951/A0 BV

File number: MAT 85978-2021

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

AKDAS DOKUM SANAYI VE TIC.A.S.
ANKARA - TURKEY

for the type of product

STEEL CASTINGS

Low Alloy Steel Castings up to 28tons.

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: 01 Jun 2026

For Bureau Veritas Marine & Offshore,

At BV ISTANBUL, on 01 Jun 2021,

Gurcan Yilmaz



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 :

Low alloy steel castings with maximum weight 28tons.
Steelmaking in Induction Furnace. Sand steel casting. Heat treatment as applicable.

2. DOCUMENTS AND DRAWINGS :

2.1- Documents issued by AKDAS DOKUM SANAYI VE TIC.A.S:
- "Technical documentation for BV approval" dated May 2021.

3. TEST REPORTS :

3.1- Documents issued by AKDAS DOKUM SANAYI VE TIC.A.S:
- "Test Report for BV approval" dated April 2021.

3.2-Typical tested grades are :
- G20Mn5 according to EN10293 for Low Alloy Steel

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 drawings, as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The steel castings are to be supplied by AKDAS DOKUM SANAYI VE TIC.A.S in compliance with the type and the requirements described in this certificate.
5.2 - This type of product is within the category IBV of Bureau Veritas Rule Note NR320.
5.3 - BV product certificate is required.

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification.

7. OTHERS :

Nil.

*** END OF CERTIFICATE ***