



Marine & Offshore

Certificate number: 51991/A0 BV

File number: MAT 113719-2018

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

VEEYES ALLOYS PRIVATE LIMITED

Coimbatore - INDIA

for the type of product

STEEL CASTINGS

Carbon steel, Low alloy steel, Stainless steel and Duplex stainless steel Castings with maximum weight 1000Kg

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: 15 Feb 2023

For Bureau Veritas Marine & Offshore,

At BV MUMBAI (BOMBAY), on 15 Feb 2018,

Rajan VARDHAN



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, carbon-manganese, low alloy and stainless steels castings of maximum weight 1000kg.
Typical castings are valve body, bonnet, cover.

Steelmaking by induction furnace. Sand casting.
Heat treatment as applicable.

2. DOCUMENTS AND DRAWINGS :

As per following documents issued by Veeyes Alloys Private Limited:

- "General information about company manufacturing data Rev. R0" dated 27 December 2017.

3. TEST REPORTS :

Typical tested grades are:

- WCC as per ASTM A216 for Carbon steels;
- WC6 as per ASTM A217 for Low alloy steels;
- CF8M as per ASTM A351 for Austenitic stainless steels;
- 4A as per ASTM A995 for Duplex stainless steels.

As per following documents issued by Veeyes Alloys Private Limited:

- "Carbon, carbon-manganese steel BV- Marine approval detailed file" submitted 27 December 2017.
- "Duplex stainless steel BV- Marine approval detailed file" submitted 27 December 2017.
- "Low alloy steel BV- Marine approval detailed file" submitted 27 December 2017.
- "Stainless steel BV- Marine approval detailed file" submitted 27 December 2017.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification.

Steel grade specification for chemical composition and mechanical properties is to be as per Bureau Veritas Materials Rules for Classification and/or material specification reviewed by the Society, as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

The steel castings are to be supplied by Veeyes Alloys Private Limited 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 :

Nil.

***** END OF CERTIFICATE *****