



Marine & Offshore

Certificate number: 72114/A0 BV

File number: MAT 134646 -2022

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

KALYANI FORGE LIMITED
PUNE - INDIA

for the type of product

STEEL FORGINGS

Steel forgings for connecting rods

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: 24 Jul 2028

For Bureau Veritas Marine & Offshore,
At BV MUMBAI (BOMBAY), on 24 Jul 2023,
Nitin NALAWADE

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 :

Steel forgings for connecting rods in carbon steels of maximum weight 3kg.
Die forging followed by control cooling.

2. DOCUMENTS AND DRAWINGS :

2.1-Documents issued by Kalyani Forge Limited:

- "Technical information for initial approval" dated 28/06/2023.
- NDT documentation including PT procedure ref. No KFL/NDE/LPT/01 and MT procedure ref. No KFL/MT/01 dated 11/03/2023.

2.1-Documents submitted by Kalyani Forge Limited:

- "Material specification_Steel V-2909" dated February 2008.
- "Drawing - ref. No. 21537992" dated October 1999.

3. TEST REPORTS :

3.1 - Typical tested grade :

- Steel V-2909 according to Volvo specification ref. No STD 1129,091.

3.2 - Documents" issued by Kalyani Forge Limited:

- "Test report ref. No FR88" dated 25/04/2022.
- "Test report ref. No FS90" dated 25/04/2022.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The carbon steel forgings are to be supplied by Kalyani Forge Limited 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.

5.4 - For information, Kalyani Forge Limited has declared to Bureau Veritas the following production site:

Kalyani Forge Limited
Gat No. 611/12,13,14
Koregaon Bhima, Tehsil Shirur
412216 PUNE
INDIA

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification.

7. OTHERS :

Nil.

*** END OF CERTIFICATE ***