



Marine & Offshore

Certificate number: 57746/B0 BV

File number: MAT 115775-2019

Product code: 2011I

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

TUBACEX TUBES AND PIPES PRIVATE LIMITED
UMBERGAON - INDIA

for the type of product

SEAMLESS PIPES AND FITTINGS

Seamless pipes in stainless steels grades 304/304L, 316/316L, 321/321H, UNS31803, UNS32205 and UNS32750.

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 is a renewal of certificate N° 57746/A1 BV expiring on 29/06/2024

This certificate will expire on: 29 Jun 2029

For Bureau Veritas Marine & Offshore,

At BV MUMBAI (BOMBAY), on 18 Jun 2024,

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 :

Seamless pipes in stainless steel.

Steel grade	Dimensions	Delivery condition
304/304L (ASTM A312)	Maximum outside diameter 219.1mm Maximum wall thickness 12.7mm	Solution treated
316/316L (ASTM A312)	Maximum outside diameter 219.1mm Maximum wall thickness 12.7mm	Solution treated
321/321H (ASTM A312)	Maximum outside diameter 219.1mm Maximum wall thickness 12.7mm	Solution treated
UNS31803 / UNS32205 (ASTM A790)	Maximum outside diameter 219.1mm Maximum wall thickness 12.7mm	Solution treated
UNS32750 (ASTM A790)	Maximum outside diameter 219.1mm Maximum wall thickness 12.7mm	Solution treated

No steelmaking.

Pipes made by piercing round bars or cold drawing hollow tubes.

2. DOCUMENTS AND DRAWINGS :

As per following documents issued by Tubacex Tubes and Pipes Private Limited (former name: Tubacex Prakash India Pvt.Ltd.):

- "BV-SEC1-General information" submitted May 2019.
- "BV-SEC3-Specific information" submitted May 2019.
- "Documentation for Manufacturer name change" dated 02 December 2021.

3. TEST REPORTS :

As per following documents issued by Tubacex Tubes and Pipes Private Limited (former name: Tubacex Prakash India Pvt.Ltd.):

- Test reports for pipes grade UNS32750, Heat 52354 and Heat 51854, submitted May 2019.
- Test reports for pipes grade 316L, Heat 52097; Heat CH9900 and Heat CH-9663, submitted May 2019.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification.

Products used for the manufacture of pipes, such as round bars or hollow tubes, are to be with the steelmaker's certificate as a minimum.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The seamless pipes are to be supplied by Tubacex Tubes and Pipes Private 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, Tubacex Tubes and Pipes Private Limited has declared to Bureau Veritas the following production site:

Tubacex Tubes and Pipes Private Limited

Survey No.131/1
Umbergaon-Sanjan Road,
396171 UMBERGAON
INDIA

6. MARKING OF PRODUCT :

As per Bureau Veritas Rules for Classification.

7. OTHERS :

This certificate replaces approvals from No.57746/A0 BV to No.57746/A1 BV.

It is Tubacex Tubes and Pipes Private Limited's responsibility to inform shipbuilders or their sub-contractors of the proper methods of fitting, use and general maintenance of the approved equipment and the conditions of this approval.

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