



Marine & Offshore

Certificate number: 20894/C0 BV

File number: MAT 68762 - 2010

Product code: 9006I

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

JSC Ural Steel

Novotroitsk - RUSSIAN FEDERATION

for the type of product

NORMAL STRENGTH HULL STEEL ROLLED PRODUCTS

Hot rolled plates in steel grades A and B

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° 20894/B0 BV expiring on 23/11/2020

This certificate will expire on: 23 Nov 2025

For Bureau Veritas Marine & Offshore,

At BV ST PETERSBURG, on 08 Jun 2020,

Valery AZOVTSEV



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 :

Hot rolled plates

Steel grade	Deoxydation practice & Refining	Delivery conditions
A	Killed and Al+Nb fine grain treated	Normalized (N) with thickness up to 50mm
B	Killed and Al+Nb fine grain treated	Normalized (N) with thickness up to 50mm

Steelmaking in Electric Arc Furnace and LF refining. Continuous Casting.

2. DOCUMENTS AND DRAWINGS :

- "The results of research conducted in relation to quality of rolled plates of ship steel of normal strength of B grade produced at EAF plant, cast in CCM of JSC Ural Steel to meet the requirements of Rules of Bureau Veritas (BV) for grades A, B." issued by OJSC Ural Steel dated 10 August 2010.

3. TEST REPORTS :

- "The results of research conducted in relation to quality of rolled plates of ship steel of normal strength of B grade produced at EAF plant, cast in CCM of JSC Ural Steel to meet the requirements of Rules of Bureau Veritas (BV) for grades A, B." issued by OJSC Ural Steel dated 10 August 2010.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The steel plates are to be supplied by JSC Ural Steel 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 :

This certificate replaces approvals No.20894/A0 BV and No.20894/B0 BV.

*** END OF CERTIFICATE ***