



Marine & Offshore
Division

Certificate number: 18987/C0 BV

File number: MAT 2502-2006

Product code: 9006I

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

HUTA BANKOWA Sp. z o.o.
DABROWA GORNICZA - POLAND

for the type of product

NORMAL STRENGTH HULL STEEL ROLLED PRODUCTS

Hot rolled sections made of steel grade A

Requirements:

Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units

This certificate is issued to attest that BUREAU VERITAS 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: 31 Mar 2022

For BUREAU VERITAS,

At BV KATOWICE, on 31 Mar 2017,

Wojciech Lubojanski



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. 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 Division 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 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 sections.

| Steel grade | type of products | Deoxydation practice | Delivery conditions |
|-------------|------------------|----------------------|--|
| A | Angles | Al-Si Killed | As Rolled (AR) with maximum thickness 24mm |
| A | Bulb flats | Al-Si Killed | As Rolled (AR) with maximum thickness 13mm |

No Steelmaking.

2. DOCUMENTS AND DRAWINGS :

As per following documents issued by Huta Bankowa Sp.zo.o.

- "Characteristic of Huta Bankowa and report from tests for acknowledgment by Bureau Veritas for production of sections and bars in grade A" dated July 2006.
- "Quality control plans N° QPKJ-P2/XIV/2016 dated 05 May 2016.
- "Specification of production devices in the long rolled products department" dated 14 November 2016.
- "Material flow diagram in the long rolled products department P2 sections" dated 25 November 2016.
- "Description of production process" dated 06 December 2016.
- "Equipment for control, measurement and testing" dated 30 September 2016.
- "Billets and blooms CCS" dated 23 February 2017.

3. TEST REPORTS :

As per following documents issued by Huta bankowa Sp.zo.o.

- "Characteristic of Huta Bankowa and report from tests for acknowledgment by Bureau Veritas for production of sections and bars in grade A" dated July 2006.
- Angles test results No. 341/2017 and records dated 31 January 2017.
- HP test results No. 342/2017 and records dated 31 January 2017.

4. APPLICATION / LIMITATION :

As per Bureau Veritas Rules for Classification.

Raw materials such as slabs for manufacturing of plates are to be supplied by BV approved Steelmaker.

5. PRODUCTION SURVEY REQUIREMENTS :

The steel sections are to be supplied by Huta Bankowa Sp.zo.o. 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 :

This certificate replaces approvals from N° 18987/A0 BV to 18987/B0 BV.

*** END OF CERTIFICATE ***