



Certificate number: 76706/A0 BV

File number: MAT 1391-2026

Product code: 8999H

This certificate is not valid when presented without the full attached schedule composed of 7 sections. Full certificate is to be requested to the manufacturer

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APPROVAL CERTIFICATE for MATERIALS

This certificate is issued to

INDUSTEEL BELGIUM SA - GROUPE ARCELORMITTAL
CHARLEROI - BELGIUM

for the type of product

SEMI-FINISHED PRODUCTS

Continuous cast slabs for rolled products in steel grade A, B, D, AH32, AH36, DH32 and DH36.

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: 23 Sep 2031

For Bureau Veritas Marine & Offshore,

At BV ANTWERP, on 23 Sep 2026,

Nele Appels

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 :

Continuous cast slabs in normal and higher strength steels intended for rolled products.

Steel grade	Deoxydation & Refining practices	Delivery condition	Maximum thickness
A - B - D	Killed and fine grain treated with Al	As cast	225mm
AH32 - AH36 - DH32 - DH36	Killed and fine grain treated with Al+Nb	As cast	355mm

Steelmaking by EAF, Ladle furnace and continuous casting.

2. DOCUMENTS AND DRAWINGS :

2.1 - Documents issued by Industeel Belgium SA - Groupe Arcelormittal:

- Procedure N°P0005A Rev.26 dated 01/03/2025.
- Procedure N°P0008A Rev.16 dated 27/01/2026.
- Quality management manual (ISO 9001) Rev.02 dated 23/12/2024.
- Manufacturing procedure summary semi-products in AH36/DH36 Rev.2 dated 02/06/2026.
- Slab Casting Mannesmann classification chart Rev.01 dated 21/02/2014.

3. TEST REPORTS :

3.1 - Documents issued by Industeel Belgium SA - Groupe Arcelormittal:

- Test report for slab 751941 M2 dated 05/03/2026.

3.2 - Documents issued by Arcelormittal:

- Test reports for plate grades A/D , Al, AR, 12mm dated 19/12/2025.
- Test reports for plate grades A, B, D , Al, AR, 40mm dated 14/08/2026.
- Test reports for plate grades AH36/DH36 , Al+Nb, CR, 24,5mm dated 14/04/2026.
- Test reports for plate grades AH36/DH36 , Al+Nb, CR, 39mm dated 14/08/2026.

4. APPLICATION / LIMITATION :

4.1 - As per Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The semi-finished products are to be supplied by Industeel Belgium SA - Groupe Arcelormittal in compliance with the type described in this certificate.

5.2 - The semi-finished products are within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - Industeel Belgium SA - Groupe Arcelormittal has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, Industeel Belgium SA - Groupe Arcelormittal has declared to Bureau Veritas the following production site:

Industeel Belgium SA - Groupe Arcelormittal
266 rue de CHATELET,
B.P. 239
B-6000 CHARLEROI
BELGIUM

6. MARKING OF PRODUCT :

6.1 - Marking requirements specific to semi-finished product shall be in accordance with the "Marking" article in Chapter 1 of Bureau Veritas NR216 Rules on Materials and Welding for the Classification of Marine Units.

7. OTHERS :

7.1 - It is Industeel Belgium SA - Groupe Arcelormittal'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 ***