



Certificate number: 73055/A0 BV

File number: MAT 57890-2022

Product code: 8999H

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

ISKENDERUN DEMIR VE CELIK A.S. (ISDEMIR)
HATAY - Türkiye

for the type of product

SEMI-FINISHED PRODUCTS

Slabs for steel rolled plates and coils.

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: 07 Feb 2031

For Bureau Veritas Marine & Offshore,

At BV ISTANBUL, on 07 Feb 2026,

Gurcan Yilmaz

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 :

Semi-finished products for steel rolled plates and coils.

Steel grades	Deoxidation practice & refining	Semi-finished Product dimensions range	Delivery condition
A	Killed and grain fine treated with Al	Slab: up to 225mm x2025mm - Length up to 12m	As Cast
AH32 - AH36	Killed and grain fine treated with Al+Nb	Slab: up to 225mm x2025mm - Length up to 12m	As Cast

Steelmaking in Basic Oxygen Furnace (BOF) and Ladle Furnace (LF). Continuous Casting.

2. DOCUMENTS AND DRAWINGS :

2.1 - Documents issued by ISKENDERUN DEMIR VE CELIK A.S. (ISDEMIR):

- Technical documentation ref.No.ISD-BV-2025 rev.1 dated October 2025.

3. TEST REPORTS :

3.1 - Documents issued by Iskenderun Demir Ve Celik A.S. (Isdemir):

- Test report ref.No.ISD 0004 dated 09/12/2025.

3.2 - Documents issued by QVV Muhendislik:

- Test reports ref. No. 0043.25.0494-0495, 0044.25.0496-0497 dated 16/01/2025, 0973.25.4353-4357, 0972.25.4349-4352 dated 04/09/2025.

4. APPLICATION / LIMITATION :

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

4.2 - Chemical composition and mechanical properties requirements are to be as per Bureau Veritas Rules on Materials and Welding for the Classification of Marine Units, and/or alternative specification mentioned on reviewed drawings, as applicable.

5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The steel slabs are to be supplied by ISKENDERUN DEMIR VE CELIK A.S. (ISDEMIR) in compliance with the type described in this certificate.

5.2 - The steel slab is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - ISKENDERUN DEMIR VE CELIK A.S. (ISDEMIR) 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, ISKENDERUN DEMIR VE CELIK A.S. (ISDEMIR) has declared to Bureau Veritas the following production site:

ISKENDERUN DEMIR VE CELIK A.S. (ISDEMIR)

Karsi Mah. Sehit Yuzbasi Ali Oguz Bulvarı

No.1 Payas 31900 Hatay

TURKIYE

6. MARKING OF PRODUCT :

6.1 - Each steel slab that has been tested with satisfactory results are to be marked with the following information:

- Manufacturer's name or trademark

- Identification marking enabling traceability, such as cast number, heat number, or batch number

- Material grade and classification

- Additional markings where applicable, such as test pressure or specific inspection references

Additional marking requirements specific to steel slab shall be in accordance with the "Marking" article in the relevant section of Bureau Veritas NR216 Rules on Materials and Welding for the Classification of Marine Units.

7. OTHERS :

7.1 - It is ISKENDERUN DEMIR VE CELIK A.S. (ISDEMIR)'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 *****