



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**

No. FAB167121XT/001

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Hull steel bulb flats and sections
<i>Type</i>	GRADES A-AH36-DH36-EH36
<i>Manufacturer</i>	OZKAN DEMIR CELIK SAN. A.S.
<i>Place of manufacture</i>	YENI FOCA YOLU UZERI 2. KM ALIAGA IZMIR TURKEY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **ISTANBUL** on **January 18, 2022.** *This Certificate is valid until* **October 4, 2026**



RINA Services S.p.A.
Volkan Kocyigit

This certificate consists of this page and 1 enclosure



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GRADES A-AH36-DH36-EH36

APPROVAL CONDITIONS

Steel making : BOC Basic Oxygen converter or EAF Electric arc furnace

Casting process: CC Continuous casting

Deoxidation practice, condition of supply and thickness:

Steel grades	Deoxidation practice and fine grained elements	Condition of supply and max. thickness
A-B-D	Si Killed	As Rolled - 28 mm
AH36-DH36	Si Killed fine grained Al+V+Nb	As Rolled - 28 mm
EH36	Killed and fine grain treated	As Rolled - 28 mm

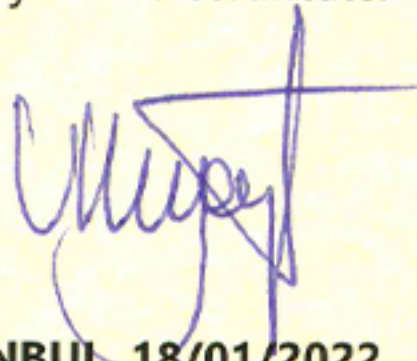
Survey conditions:

The profiles are to be in compliance in all respects with the relevant RINA rules and are to be tested accordingly.

General conditions for the approval

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.

-RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.



ISTANBUL 18/01/2022