



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS
No. FAB078318XT**

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> | Normal strenght and higher strenght structural steel plates |
| <i>Type</i> | Grades A-B-D-E-AH32-DH32-EH32-FH32-AH36-DH36-EH36-FH36 GRADES A-B-D-E-AH32-DH32-EH32-FH32-AH36-DH36-EH36-FH36 |
| <i>Manufacturer</i> | EREGLI DEMIR VE CELIK FABRIKALARI T.A.S. |
| <i>Place of manufacture</i> | UZUNKUM NO.7, KARADENIZ EREGLI ZONGULDAK TURKEY |
| <i>Reference standards</i> | RINA Rules for the approval of manufacturers of materials |

Issued in Istanbul on December 12, 2018. This Certificate is valid until November 22, 2023



Volkan Kocyigit
RINA Services S.p.A.
Volkan Kocyigit

This certificate consists of this page and 1 enclosure



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Grades A-B-D-E-AH32-DH32-EH32-FH32-AH36-DH36-EH36-FH36

APPROVAL CONDITIONS

Steel making : BOC Basic Oxygen converter

Casting process: CC Continuous casting

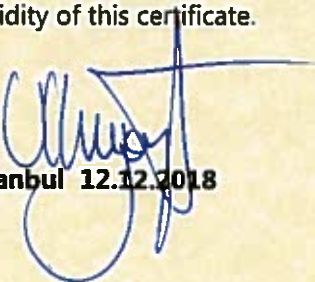
Deoxidation practice, condition of supply and thickness: see attached table

Survey conditions: the plates 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 12.12.2018