



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS**


No. FAB034816XT/002

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

Issued in **ISTANBUL** on **December 2, 2016**. This Certificate is valid until **October 4, 2021**

**OZKAN**  
DEMİR ÇELİK SAN. A.Ş.



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 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 December 2, 2016**





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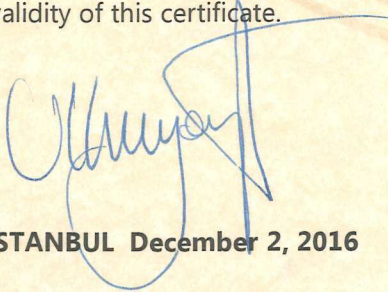
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