



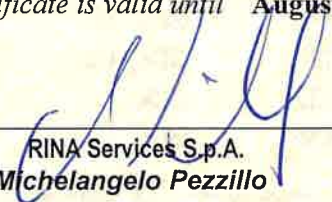
**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB083818VE**

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>	Hot rolled steel plates in coils
<i>Type</i>	Grades: A, B, D, AH32, AH,36, DH32, DH36
<i>Applicant</i>	FERRIERA VALSIDER SPA VIA A. SALIERI 36 37050 Oppeano (VR) ITALY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA Venice Marine** on **November 7, 2018**. This Certificate is valid until **August 4, 2023**




RINA Services S.p.A.
Michelangelo Pezzillo

This certificate consists of this page and 1 enclosure



CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. FAB083818VE

Enclosure - Page 1 of 1

Grades: A, B, D, AH32, AH36, DH32, DH36

APPROVAL CONDITIONS

Basic material producers:

- PJSC "AZOVSTAL IRON & STEEL WORKS"
- PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

Deoxidation practice, condition of supply and thickness:

Normal strength steel

Grade or type	Steelmaking ¹⁾	Conditions of supply ²⁾	Thickness range (mm)
A	BOC, CC	AR	3 ÷ 12
B	BOC, CC	AR	3 ÷ 12
D	BOC, CC	NR	3 ÷ 12

High strength steel

Grade or type	Steelmaking ¹⁾	Conditions of supply ²⁾	Thickness range (mm)
AH32	BOC, CC	AR	3 ÷ 12
AH36	BOC, CC	AR	3 ÷ 12
DH32	BOC, CC	NR	3 ÷ 12
DH36	BOC, CC	NR	3 ÷ 12

Remarks:

1) BOC: Basic Oxygen Converter; CC: Continuous Casting

2) AR: As Rolled; NR: Normalized

Survey Conditions:

The coils 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.

**RINA Venice Marine November 7,
2018**