



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00001FU
Revision No:
4

This is to certify:

that

Erdemir Demir Celik Fabrikaları TAS.
Uzunkum No. 7 Karadeniz Ereğli 67330 Zonguldak,
Türkiye

is an approved manufacturer of
Steelmaking and Rolled Steel Products

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0242 Semi-finished steel products
DNV class programme – DNV-CP-0243 Rolled steel products – non stainless steel

and the following particulars:

Application area	Normal strength steel, High strength steel
Products	Plates, Plates made from Coils
Manufacturing method	See page 2
Max. thickness	See page 2
Heat treatment condition	See page 2

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules.
Materials to be applied to DNV classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2026-07-02**

This Certificate is valid until **2029-06-30**.

DNV local unit: **Istanbul**

Approval Engineer: **Stefan Röhr**



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signature

Thorsten Lohmann

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Particulars of the approval

Normal strength steel

Grade	Product	Steel making ¹⁾	Fine grain elements	Max. thickness [mm]	Heat treatment condition ²⁾
NV A, NV B	Plate	BOC, CC	Al	60	AR
NV D	Plate	BOC, CC	Al	8	NR
NV D, NV E	Plate	BOC, CC	Al	60	N

High strength steel

Grade	Product	Steel making ¹⁾	Fine grain elements	Max. thickness [mm]	Heat treatment condition ²⁾
NV A32, NV A36	Plate	BOC, CC	Al+V	60	NR
NV A32, NV A36	Plate	BOC, CC	Al+Nb	60	NR
NV A32, NV A36, NV D32, NV D36	Plate	BOC, CC	Al+Nb	8	NR
			Al+Nb	60	N
NV E32, NV E36 NV F32, NV F36	Plate	BOC, CC	Al+Nb	60	N

Normal strength steel

Grade	Product	Steel making ¹⁾	Fine grain elements	Max. thickness [mm]	Heat treatment condition ²⁾
NV A, NV B	Plates made from Coils	BOC, CC	Al	15	NR
NV D		BOC, CC	Al	8	NR
NV D, NV E		BOC, CC	Al	15	N

High strength steel

Grade	Product	Steel making ¹⁾	Fine grain elements	Max. thickness [mm]	Heat treatment condition ²⁾
NV A32, NV A36	Plates made from Coils	BOC, CC	Al+Nb	15	NR
NV D32, NV D36		BOC, CC	Al+Nb	8	NR
			Al+Nb	15	N
NV E32, NV E36 NV F32, NV F36		BOC, CC	Al+Nb	15	N

Remarks:

- 1) BOC: Basic oxygen converter
CC: Continuous casting
- 2) AR: As rolled
N: Normalised
NR: Normalising rolling