

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00000TT
Revision No:
3

This is to certify:

that

COGNOR Spolka Akcyjna Oddział HSJ w Stalowej Woli
ul. Kwiatkowskiego 1, 37-450 Stalowa Wola,
Poland

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	High strength steel, Carbon and carbon-manganese steel, Alloy steel
Products	Plates, Semi-finished rolled round bars intended for machining into components, Semi-finished products for forging or rolling stock
Manufacturing method	Electric arc furnace, Continuous casting
Max. thickness / diameter	See page 2
Heat treatment condition	See page 2
Additional approval conditions	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 **2025-09-26**

This Certificate is valid until **2028-06-30**.

DNV local unit: **Katowice CMC**

Approval Engineer: **Dechun Lou**



for **DNV**

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

Stefan Röhr

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

High strength steel

Grade	Product	Steel making ¹⁾	Fine grain elements	Max. thickness [mm]	Heat treatment condition ²⁾	Z- quality
NV A32, NV D36, NV E36	Plate	EAF, CC	Al	30	N	-

Semi-finished rolled round bars ^{3), 4)} intended to be machined into components (as a substitute for forged bars)

Steel type	Product	Steel making ¹⁾	Max. Thickness [mm]	Heat treatment condition ²⁾
C and C-Mn	Bar	EAF, CC	135	AR, N
Alloy	Bar	EAF, CC	135	AR, QT

Semi-finished products (round bars, billets, blooms) for forging or rolling stock

Steel type	Steel making ¹⁾	Max. Thickness [mm]	Heat treatment condition ²⁾
C and C-Mn	EAF, CC	150	AR
Alloy	EAF, CC	150	AR

Remarks:

- ¹⁾ EAF: Electric arc furnace
CC: Continuous casting
- ²⁾ AR: as rolled
N: normalised
QT: Quenched and tempered
- ³⁾ Minimum rolling reduction ratio 6:1
- ⁴⁾ Sampling, inspection, testing requirements and mechanical requirements shall be according to DNV Rules for ships Pt.2 Ch.2 Sec.6