



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000023E
Revision No:
2

This is to certify:

That

COGNE ACCIAI SPECIALI SPA
Via Paravera 16, 11100 Aosta AO,
Italy

is an approved manufacturer of
Steelmaking and Rolled Steel Products

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Product	Semi-finished products for forging or rolling stock, Rolled round bars
Grade(s)	Ferritic stainless, Martensitic stainless, Austenitic stainless, 22Cr duplex stainless, 25Cr duplex stainless
Manufacturing method	Electric Arc Furnace, AOD, Ingot or 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 **2021-11-01**

for **DNV**

This Certificate is valid until **2024-09-30**.

DNV local station: **Italy/Malta CMC**

Approval Engineer: **Andreas Koch**

Thorsten Lohmann
Head of Section

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 300,000 USD.



Particulars of the approval

Semi-finished products for forging or rolling stock

Steel type	Product	Steel making ¹⁾
Ferritic stainless	Ingot, Billet, Slab, Bloom	EAF, AOD, IC or CC
Martensitic stainless		
Austenitic stainless		
22Cr duplex stainless		
25Cr duplex stainless		

Rolled Steel Products

Steel type	Product	Steel making ¹⁾	Max. thickness/ diameter	Heat treatment condition ²⁾
Ferritic stainless	Bar	EAF, AOD, IC or CC	101 mm	QT
Martensitic stainless			EAF, AOD, CC 415 mm	
Austenitic stainless	Bar	EAF, AOD, IC or CC	140 mm	SHT
22Cr duplex stainless			EAF, AOD, CC 415 mm	
25Cr duplex stainless			EAF, AOD, IC	

Remarks:

- ¹⁾ EAF: Electric arc furnace
 AOD: Argon-Oxygen-Degassing
 CC: Continuous casting
 IC: Ingot casting
- ²⁾ QT: Quenched and tempered
 SHT: Solution Heat Treated (Solution Annealing)