

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That
COGNE ACCIAI SPECIALI SPA
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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2018-07-02**

for **DNV GL**

This Certificate is valid until **2021-06-30**.

DNV GL local station: **Milan**

Approval Engineer: **Torben Schälicke**

.....
Thorsten Lohmann
Head of Section



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	Delivery condition ²⁾
Ferritic stainless	Bar	EAF, AOD, IC or CC	101 mm when EAF, AOD, CC; 415 mm when EAF, AOD, IC	QT
Martensitic stainless				
Austenitic stainless	Bar	EAF, AOD, IC or CC	101 mm when EAF, AOD, CC; 415 mm when EAF, AOD, IC	SHT
22Cr duplex stainless				
25Cr duplex stainless				

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)