

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That
COGNE ACCIAI SPECIALI SPA
Aosta, AO, Italy

is an approved manufacturer of
Steel Forgings

in accordance with
DNV GL rules for classification – Ships
DNV GL offshore standards

and the following particulars:

Application area	Stainless steel forgings
Steel type	Austenitic stainless, Martensitic stainless, Austenitic-ferritic (Duplex) stainless, See page 2
Forging method	Open die forging
Max. weight	11 000 kg
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 Schällicke**

Thorsten Lohmann
Head of Section



Job Id: **263.11-002210-3**
Certificate No: **AMMM000023D**

Particulars of the approval

Stainless steel forgings (bars)

Steel type ³⁾	Forging method ¹⁾	Max. weight [kg]	Delivery condition ²⁾
Austenitic stainless	OD	11 000	SHT
Martensitic stainless	OD	11 000	QT
22Cr duplex stainless	OD	11 000	SHT
25Cr duplex stainless	OD	11 000	SHT

Remarks:

- 1) OD: Open die forging
- 2) QT: Quenched and tempered
SHT: Solution Heat Treated (Solution Annealing)
- 3) Incl. equivalent grades in acc. to other standards

Special conditions:
Including steelmaking