

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002VU

This is to certify:

That

FORGE NICROMO SPA

Via Provinciale, 57 23813 Bindo di Cortenova LC,
Italy

is an approved manufacturer of
Steel Forgings

in accordance with

DNV GL rules for classification – Ships

and the following particulars:

Application area	Forgings for shafting and machinery, Forgings for gearing, Forgings for boilers, pressure vessels and piping systems
Steel type	Alloy
Forging method	Open die forging See page 2
Max. weight	See page 2
Max. diameter/section	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 **2021-05-27**

for **DNV**

This Certificate is valid until **2024-05-26**.

DNV local station: **Milan**

Approval Engineer: **Stefan Röhr**

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

Forgings for shafting and machinery Forgings for gearing

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Max. diameter/section [mm]	Heat treatment condition ²⁾
Alloy	VL F600A, VL F700A, VL F800A, VL F900A, VL F1000A, VL F1100A	OD	4 000	800	NT, QT

Forgings for boilers, pressure vessels and piping systems

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Max. diameter/section [mm]	Heat treatment condition ²⁾
Alloy	VL F0.5Mo, VL F1Cr0.5Mo	OD	4 000	800	NT, QT

Remarks:

- 1) OD: Open die forging
- 2) QT: Quenched and tempered; NT: Normalised and tempered
- 3) Incl. equivalent grades acc. to other standards