

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

SIDERFORGEROSSİ GROUP S.p.A.
Via Rolando Perino 37, 10080 Busano Cavanese TO, 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
Steel type	Alloy
Forging method	Open die forging/closed die forging
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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2021-01-14**

for **DNV GL**

This Certificate is valid until **2023-12-31**.

DNV GL local station: **Venice**

Approval Engineer: **Stefan Röhr**

Thorsten Lohmann
Head of Section

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Job Id: **263.11-004569-3**
Certificate No: **AMMM00001UM**
Revision No: **1**

Particulars of the approval

Forgings for shafting and machinery

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Max. diameter / length [mm]	Heat treatment condition ²⁾
Alloy	VL F600A, VL F700A, VL F800A, VL F900A, VL F1000A, VL F1100A	OD/CD	2 500	1 500 / 3500	QT

Remarks:

- 1) OD: Open die forging; CD: Closed die forging
- 2) QT: Quenched and tempered
- 3) Including equivalent grades to other standards