



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:  
**AMMM00002X9**  
Revision No:  
**1**

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## This is to certify:

that

**Varesina Stampi S.p.A.**  
**Via Giuseppe Pozzi, 13, 21040 Sumirago VA,**  
**Italy**

is an approved manufacturer of  
**Steel Forgings**

in accordance with

**DNV rules for classification – Ships**  
**DNV class programme – DNV-CP-0247 Steel forgings**

and the following particulars:

<b>Application area</b>	<b>Forgings for shafting and machinery,</b>
<b>Steel type</b>	<b>Forgings for gearing</b>
	<b>Carbon and carbon-manganese,</b>
	<b>Alloy,</b>
	<b>See page 2</b>
<b>Forging method</b>	<b>Closed die forging</b>
<b>Max. weight</b>	<b>See page 2</b>
<b>Max. diameter / section</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>See page 2</b>

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 **2025-06-18**

This Certificate is valid until **2027-11-11**.

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

Approval Engineer: **Andrzej Otrebski**



for **DNV**

This document has been digitally signed and will  
therefore not have handwritten signature  
Christian Wildhagen

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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 USD 300 000.

## Particulars of the approval

### Forgings for shafting and machinery

Steel type	Grade <sup>3)</sup>	Forging method <sup>1)</sup>	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition <sup>2)</sup>
C and C-Mn	NV F400U, NV F440U, NV F480U, NV F520U, NV F560U, NV F600U, NV F640U, NV F680U, NV F720U, NV F760U	CD	100	150	N, A, QT
Alloy	NV F600A, NV F700A, NV F800A, NV F900A	CD	100	150	QT

### Forgings for gearing

Steel type	Grade <sup>3)</sup>	Forging method <sup>1)</sup>	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition <sup>2)</sup>
C and C-Mn	NV F400U, NV F440U, NV F480U, NV F520U, NV F560U, NV F600U, NV F640U, NV F680U, NV F720U, NV F760U	CD	100	150	N, A, QT
Alloy	NV F600A, NV F700A, NV F800A, NV F900A	CD	100	150	QT

#### Remarks:

- <sup>1)</sup> CD: Closed die forging
- <sup>2)</sup> QT: Quenched and tempered  
N: Normalised  
A: Annealed
- <sup>3)</sup> Incl. equivalent grades in acc. to other standards



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**AMMM00002XA**  
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**Italy**

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in accordance with

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**DNV class programme – DNV-CP-0247 Steel forgings**

and the following particulars:

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	<b>Forgings for gearing</b>
<b>Steel type</b>	<b>Carbon and carbon-manganese,</b>
	<b>Alloy,</b>
	<b>See page 2</b>
<b>Forging method</b>	<b>Closed die forging</b>
<b>Max. weight</b>	<b>See page 2</b>
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Alloy	NV F600A, NV F700A, NV F800A, NV F900A	CD	100	150	QT

### Forgings for gearing

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