



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00009T
Revision No:
2

This is to certify:

That

L'Union Des Forgerons
Rue Pierre Follège Zone Industrielle Méréville,
91660 Le Mérévillois,
France

is an approved manufacturer of
Steel Forgings

in accordance with
DNV rules for classification – Ships

and the following particulars:

Application area	Forgings for gearing, Forgings for boilers, pressure vessels and piping systems, Stainless steel forgings
Steel type	Alloy, Austenitic stainless, See page 2
Forging method	Open 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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2022-06-27**

for **DNV**

This Certificate is valid until **2025-06-30**.

DNV local station: **France CMC**

Approval Engineer: **Torben Schälicke**

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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 gearing

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Max thickness [mm]	Heat treatment condition ²⁾
Alloy	NV F600A, NV F700A, NV F800A, NV F900A, NV F1000A, NV F1100A	OD	600	420	QT

Forgings for boilers, pressure vessels and piping systems

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Max thickness [mm]	Heat treatment condition ²⁾
Alloy	NV F0.5Mo, NV F1Cr0.5Mo	OD	600	420	NT, QT
	NV F2.25Cr1Mo	OD	600	420	N, QT

Stainless steel forgings

Steel type / grade ⁴⁾	Forging method ¹⁾	Max. weight [kg]	Max thickness [mm]	Heat treatment condition ²⁾
Austenitic stainless	OD	5 000	420	SHT

Remarks:

- ¹⁾ OD: Open die forging
- ²⁾ QT: Quenched and tempered
N: Normalised
NT: Normalised and tempered
SHT: Solution Heat Treated (Solution Annealing)
- ³⁾ Incl. equivalent grades in acc. to other standards
- ⁴⁾ Stainless steel forgings shall be in accordance with recognized standards, e.g. EN 10222, ASTM A473/A965/A1049 and JIS G 3214, provided that supplementary requirements contained herein are also met. Recognition of other standards is subject to submission to the Society for evaluation.