



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00000U6**  
Revision No:  
**2**

This is to certify:

That

**ANDRE LAURENT**  
ZI Le Bayon  
42150 La Ricamarie,  
France

is an approved manufacturer of  
**Bolt and Nuts**

in accordance with  
**DNV rules for classification – Ships**

and the following particulars:

<b>Application area</b>	<b>Bolts and nuts</b>
<b>Steel type</b>	<b>Martensitic stainless</b>
<b>Manufacturing method</b>	<b>Hot forming</b>
<b>Max. weight</b>	<b>See page 2</b>
<b>Max. diameter</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>Quenched and tempered</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 **2022-02-08**

for **DNV**

This Certificate is valid until **2024-06-30**.

DNV local station: **France CMC**

Approval Engineer: **Stefan Röhr**

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**Thorsten Lohmann**  
**Head of Section**

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Form code: AM 311

Revision: 2021-03

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## Particulars of the approval

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### Bolts and nuts

Steel type	Forging method <sup>1)</sup>	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition <sup>2)</sup>
Martensitic Stainless <sup>3)</sup>	HF	60	100	QT

Remarks:

- <sup>1)</sup> HF: Hot forming
- <sup>2)</sup> QT: Quenched and tempered
- <sup>3)</sup> Including 1.4057, 1.4313 and 1.4418 acc. to EN 10088-3 for applications considered to be subject to special approval