

# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No: AMMM000030D

Th	is	is	to	cer	tify:
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That

### LOIRE INDUSTRIE

Clos Marquet, 42400 - Saint-Chamond, France

is an approved manufacturer of **Steel Forgings** 

in accordance with

DNV rules for classification - Ships

and the following particulars:

Application area Stainless steel forgings

Steel type Ferritic-austenitic (duplex) stainless,

See page 2

Forging method Open die forging Max. weight See page 2
Max. diameter / section See page 2

Heat treatment condition Solution heat treated

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 2022-11-30	
This Certificate is valid until 2025-11-29.	for <b>DNV</b>
DNV local unit: France CMC	
Approval Engineer: Christian Wildhagen	
	Thorsten Lohmann
	Head of Section

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## Particulars of the approval

#### Stainless steel forgings

Steel type	Grade <sup>3)</sup>	Forging method <sup>1)</sup>	Max. weight [kg]	Max. diameter / section [mm] 4)	Heat treatment condition <sup>2)</sup>
Austenitic	CrNi (304, 304L, 347)	OD	110	110	SHT

#### Remarks:

- 1)
- OD: Open die forging
  SHT: Solution Heat Treated (Solution Annealing) 2)
- 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

Relevant wall thickness

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