

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM0000093
Revision No:
1

This is to certify:

That
ITALFOND S.p.a.
Via Industriale 1,
25021 Bagnolo Mella, BS,
Italy

is an approved manufacturer of
Steel Forgings

in accordance with
DNV GL rules for classification – Ships
DNVGL-OS-B101 – Metallic Materials

and the following particulars:

Application area	Stainless steel forgings
Steel type	Austenitic stainless, Ferritic-austenitic (duplex) stainless See page 2
Forging method	Open die forging, ring rolling
Max. weight	8 500 kg
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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2019-11-29**

for **DNV GL**

This Certificate is valid until **2022-12-31**.

DNV GL local station: **Milan**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-003216-3**
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Particulars of the approval

Stainless steel forgings

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Austenitic		OD, RR	8 500	SHT
Ferritic-austenitic	22 Cr Duplex	OD, RR	8 500	SHT
	25 Cr Duplex	OD, RR	8 500	SHT

Remarks:

- ¹⁾ OD: Open die forging
RR: Ring Rolling
- ²⁾ SHT: Solution Heat Treated (Solution Annealing)
- ³⁾ 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.