

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

Nordic Flanges AB
Kavelvägen 17, 894 35 Själevad,
Sweden

is an approved manufacturer of
Steel Forgings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Stainless steel forgings
Steel type	Austenitic stainless, See page 2
Forging method	Open / closed die forging
Max. weight	120 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 **2019-06-03**

for **DNV GL**

This Certificate is valid until **2021-12-31**.

DNV GL local station: **Sweden**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-004731-2**
Certificate No: **AMMM00002J1**

Particulars of the approval

Stainless steel forgings

Steel type / grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Austenitic stainless	OD, CD	120	SHT

Remarks:

- 1) OD: Open die forging
CD: Closed die forging
- 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.