

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000006M
Revision No:
1

This is to certify:

That
Sandori Castings Pvt. Ltd.
Rajkot - 360024, Gujarat, India

is an approved manufacturer of
Steel Castings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Castings for hull structures and equipment
	Castings for machinery
	Stainless steel castings
Steel type(s)	Carbon and carbon-manganese
	Austenitic stainless
Casting method	See page 2
Max. weight	60 kg
Heat treatment condition	See page 2
Additional approval conditions	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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2018-05-24**

for **DNV GL**

This Certificate is valid until **2021-06-29**.

DNV GL local station: **Mumbai**

Approval Engineer: **Torben Schälicke**

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Thorsten Lohmann
Head of Section



Job Id: **263.11-008874-1**
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Particulars of the approval

Castings for hull structures and equipment
Castings for machinery
Stainless steel castings

Steel type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Delivery condition ²⁾
C and C-Mn	VL C400UW, VL C440UW, VL C480UW	IC	60	N, QT, NT
	VL C400U, VL C440U, VL C480U, VL C520U	IC	60	N, QT, NT
Austenitic	GX 2 CrNi 18 10 (304L) GX 5 CrNi 19 9 (304) GX 6 CrNiNb 19 10 (347) GX 2 CrNiMo 19 11 2 (316L) GX 5 CrNiMo 19 11 2 (316) GX 5 CrNiMo 19 11 3 (317)	IC	60	SHT

Remarks:

- 1) IC: Investment Casting
- 2) SHT: Solution Heat Treated (Solution Annealing)
N: Normalised
QT: Quenched and tempered
NT: Normalised and tempered
- 3) Incl. equivalent grades in acc. to other standards

Special conditions:

Repair welding is permitted according to welding procedures approved by DNV GL.

The requirements for repair welding as stated in DNVGL- RU-SHIP Pt.2 Ch.2 Section 8 shall be complied with.