

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

Hi-Con Technocast Pvt. Ltd.

**Plot No. D-6, Road No. 11, Lodhika Industrial Estate, G.I.D.C. Metoda,
Kalawad Road, Dist. Rajkot - 360021 Gujarat, India**

is an approved manufacturer of
Steel Castings

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Steel types	Carbon and carbon-manganese, Austenitic stainless
Max. weight	60 kg
Delivery Condition	See page 2
Remarks	See particulars of the approval

Manufacturer approved by this certificate is 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 **Høvik** on **2017-03-13**

for **DNV GL**

This Certificate is valid until **2020-03-12**.

DNV GL local station: **Mumbai CMC**

Approval Engineer: **Dechun Lou**

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Hanne Anita Hjerpetjønn
Head of Section



Job Id: **263.11-006517-1**
Certificate No: **AMMM000019U**

Particulars of the approval

Steel castings for boilers, pressure vessels and piping systems

Steel type	Grade	Casting method ¹⁾	Max. weight (kg)	Max. section /wall thickness (mm)	Delivery condition ²⁾
C and C-Mn steel	C450H	IC	60	60	QT
	C490H	IC	60	60	

Remarks:

¹⁾ IC: Investment Casting; ²⁾ QT: Quenching and Tempering

Stainless steel castings

Steel type	Grade	Casting method ¹⁾	Max. weight (kg)	Max. section /wall thickness (mm)	Delivery condition ²⁾
Austenitic stainless	GX 2 CrNi 18 10 (304L)	IC	60	60	SHT
	GX 5 CrNi 19 9 (304)	IC	60	60	
	GX 2 CrNiMo19 11 2 (316L)	IC	60	60	
	GX 5 CrNiMo19 11 2 (316)	IC	60	60	
	GX 5 CrNiMo19 11 3 (317)	IC	60	60	

Remarks:

¹⁾ IC: Investment Casting; ²⁾ SHT: Solution Heat Treated (Solution Annealing)