



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002RT
Revision No:
1

This is to certify:

That

VISVANA San. İth.İhr.Tic. Ltd. Sti.
Türkoba Mah. Atatürk Cad. No:232/1
Büyükcçekmece/İstanbul,
Turkey

is an approved manufacturer of
Steel Castings

in accordance with
DNV rules for classification – Ships
DNV class programme – DNV-CP-0246 Steel castings

and the following particulars:

Application area	Castings for hull structures and equipment, Castings for machinery, Castings for boilers, pressure vessels and piping systems
Steel type	Carbon and carbon-manganese, See page 2
Casting method	Sand casting
Max. weight	500 kg
Max. wall thickness	100 mm
Heat treatment condition	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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2024-06-10**

This Certificate is valid until **2027-05-25**.

DNV local unit: **Istanbul**

Approval Engineer: **Christian Wildhagen**



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signature

Stefan Röhr

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Form code: AM 311

Revision: 2022-12

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Particulars of the approval

Castings for hull structure and equipment

Steel type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Max. wall thickness [mm]	Heat treatment condition ²⁾
C and C-Mn	NV C400UW, NV C440UW, NV C480UW, NV C520UW	SC	500	100	N

Castings for machinery

Steel type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Max. wall thickness [mm]	Heat treatment condition ²⁾
C and C-Mn	NV C400U, NV C440U, NV C480U, NV C520U	SC	500	100	N

Castings for boilers, pressure vessels and piping systems

Steel type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Max. wall thickness [mm]	Heat treatment condition ²⁾
C and C-Mn	NV C450H, NV C490H	SC	500	100	N

Remarks:

- 1) SC: Sand Casting
- 2) N: Normalized
- 3) Incl. equivalent grades in acc. to other standards