

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000024G

This is to certify:

That

GURSETAS DOKUM SAN VE TIC LTD STI
TOSB Otomotiv Yan Sanayi Ihtisas Osb 1. Cadde No:19 41420,
Çayırova - Kocaeli,
Turkey

is an approved manufacturer of
Steel Castings

in accordance with
DNV GL rules for classification – Ships
DNV GL offshore standards

and the following particulars:

Application area	Castings for hull structures and equipment
Steel type	Castings for machinery
Casting method	Carbon and carbon-manganese,
Max. weight	Alloy
Heat treatment condition	Sand casting
Additional approval conditions	6 000 kg
	See page 2
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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 **2018-07-02**

for **DNV GL**

This Certificate is valid until **2021-06-30**.

DNV GL local station: **Istanbul**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section



Job Id: **263.11-002144-3**
Certificate No: **AMMM000024G**

Particulars of the approval

Castings for hull structure and equipment

Steel type	Grade ³⁾⁴⁾	Casting method ¹⁾	Max. weight [kg]	Delivery condition ²⁾
C and C-Mn	VL C400UW, VL C440UW, VL C480UW	SC	6 000	N, NT, QT
Alloy	VL C550AW, VL C620AW	SC	6 000	QT

Castings for machinery

Steel type	Grade ³⁾⁴⁾	Casting method ¹⁾	Max. weight [kg]	Delivery condition ²⁾
C and C-Mn	VL C400U, VL C440U, VL C480U, VL C520U	SC	6 000	N, NT, QT
Alloy	VL C550A, VL C600A, VL C690A	SC	6 000	QT

Remarks:

- 1) SC: Sand Casting
- 2) N: Normalised
QT: Quenched and tempered
NT: Normalised and tempered
- 3) Certification of any material applied to classed object shall fulfill the applicable material requirements in the DNV GL class rules
- 4) Incl. equivalent grades in acc. to other standards