



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001EH
Revision No:
2

This is to certify:

That

Sümer Celik Döküm Sanayi ve Ticaret A.S.
29 Ekim Mahallesi Karakaya Sok. No. 11 Yazibasi Torbali - Izmir,
Turkey

is an approved manufacturer of
Iron Castings

in accordance with
DNV rules for classification – Ships
DNV class programme – DNV-CP-0249 Iron castings

and the following particulars:

Iron type	Grey cast iron, Nodular cast iron
Casting method	Sand casting
Max. weight	See page 2
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 **2023-07-25**

for **DNV**

This Certificate is valid until **2026-06-30**.

DNV local unit: **Istanbul**

Approval Engineer: **Dechun Lou**

Thorsten Lohmann
Head of Section

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.



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Particulars of the approval

Iron type	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Heat treatment condition ²⁾
Grey	200	SC	9 000	AC
	250			
	300			
	350			
Nodular	NV NCI-1	SC	9 000	AC, F
	NV NCI-2			AC
	NV NCI 370			
	NV NCI 400			
	NV NCI 500-7			
	NV NCI 600-3			
	NV NCI 700			
	NV NCI 800			

Remarks:

- 1) SC: Sand casting
- 2) AC: As cast
F: Ferritizing
- 3) Incl. equivalent grades in acc. to other standards