



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001CD
Revision No:
2

This is to certify:

That

Dikkan Metal Ürünleri San. ve Tic. A.S.
İzmir-Kemalpaşa Yolu, Hayıtlıkır Mevkii, Ulucak, Kemalpaşa - İzmir,
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 boilers, pressure vessels and piping systems |
| Steel type | Carbon and carbon-manganese, See page 2 |
| Casting method | Sand casting |
| Max. weight | 1 500 kg |
| Max. wall thickness | 120 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 **2023-04-12**

for **DNV**

This Certificate is valid until **2026-03-31**.

DNV local unit: **Istanbul**

Approval Engineer: **Andreas Koch**

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Thorsten Lohmann
Head of Section

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Form code: AM 311

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Page 1 of 2

Particulars of the approval

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 | VL C450H, VL C490H | SC | 1 500 | 120 | N |

Remarks:

- ¹⁾ SC: Sand Casting
- ²⁾ N: Normalized
- ³⁾ Incl. equivalent grades in acc. to other standards (EN 10213-2)