



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000027X
Revision No:
2

This is to certify:

That

Pleiger Maschinenbau GmbH & Co. KG
Im Hammertal 51, 58456 Witten,
Germany

is an approved manufacturer of
Aluminium Alloy Castings

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0250 Aluminium alloy castings

and the following particulars:

Application area	Aluminium Casting Alloys
Alloys	AlSi alloys, see page 2
Manufacturing method	Sand casting
Max. Weight	250 kg
Max. wall thickness	200 mm
Temper condition	See page 2
Additional approval conditions	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 **2024-09-03**

This Certificate is valid until **2027-04-30**.

DNV local unit: **Essen**

Approval Engineer: **Stefan Röhr**



for **DNV**

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

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

Aluminium alloy castings

Alloy group	Grade ³⁾	Casting method ¹⁾	Max. weight [kg]	Max. thickness [mm]	Temper condition ²⁾
AlSi	EN AC-43000	SC	250	200	T6
	EN AC-43100	SC	250	200	T6
	EN AC-43200	SC	250	200	T6
	EN AC-43300	SC	250	200	T6

Remarks:

- ¹⁾ SC: Sand casting
- ²⁾ T6: solution annealed and completely artificially aged
- ³⁾ Incl. equivalent grades in acc. to other standards

Additional approval conditions

Heat treatment is subcontracted to Büscher Industrieservice