

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000037H

This is to certify:

That

FONDERIA MORINI SRL
Via Madonna di Genova, 41
48010 Cotignola (RA), Italy

is an approved manufacturer of
Wrought Aluminium and Aluminium Alloys

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	AISiMg, see page 2
Manufacturing method	Sand casting
Max. weight	See page 2
Max. wall thickness	See page 2
Heat treatment 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 **2024-10-07**

This Certificate is valid until **2027-10-06**.

DNV local unit: **Italy/Malta CMC**

Approval Engineer: **Christian Wildhagen**



for **DNV**

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

Martin Wenning

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.



Particulars of the approval

Aluminium alloy castings

Grade	Casting method ¹⁾	Max. weight [kg]	Max. thickness [mm]	Heat treatment condition ²⁾
EN AC-42000 (AlSi7Mg), EN AC-42100 (AlSi7Mg0.3), EN-AC-42200 (AlSi7Mg0.6)	SC	360	250	T6

Remarks:

- 1) SC: Sand casting
- 2) T6: solution annealed and completely artificially aged