APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00002S6
Revision No:
2

This is to certify:

that

Morris Bean & Company
777 E Hyde Rd
Yellow Springs OH 45387-9726,
USA

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	**Al-Si-Mg**
Manufacturing 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 **2026-04-27**

This Certificate is valid until **2029-06-09**.
DNV local unit: **Houston**

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 USD 300 000.

Particulars of the approval

Aluminium alloy castings

Grades / alloy type	Casting method [1)]	Max. weight [kg]	Heat treatment condition [2)]
Al-Si-Mg	SC	1000	F, T6

Remarks:

1) SC: Sand casting
2) F: As cast condition; T6: solution heat treated and completely artificially aged