



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001T6
Revision No:
3

This is to certify:

That

Ernst Leopold s.r.o.
Gellhornova 2242/18, Blansko 67801,
Czech Republic

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(s)	Nodular
Casting method	Sand casting
Max. weight	15 000kg
Max. wall thickness	See page 2
Heat treatment condition	As cast

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 **2024-12-16**

This Certificate is valid until **2027-12-31**.

DNV local unit: **Ostrava**

Approval Engineer: **Andreas Koch**



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.

Particulars of the approval

Cast iron

Iron type	Grade	Casting method ¹⁾	Max. weight [kg]	Max. wall thickness [mm]	Heat treatment condition ²⁾
Nodular	NV NCI-1	SC	15 000	150	AC
	NV NCI-2				
	NV NCI370				
	NV NCI400				
	NV NCI500-7				
	NV NCI600-3				
	NV NCI700				
	NV NCI800				

Remarks:

- 1) SC: Sand Casting
- 2) AC: As cast