



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00001VU
Revision No:
4

This is to certify:

That

BOHEMIA RINGS s.r.o.
Zámorsk 10, 565 43 Zámorsk,
Czech Republic

is an approved manufacturer of
Steel Forgings

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0247 Steel forgings

and the following particulars:

Application area	Forgings for shafting and machinery Forgings for gearing, Forgings for boilers, pressure vessels and piping systems
Steel type(s)	Carbon and carbon-manganese, Alloy
Max. weight	6 500 kg
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 **2024-04-25**

This Certificate is valid until **2026-12-31**.

DNV local unit: **Prague CMC**

Approval Engineer: **Enno Brück**



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

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Page 1 of 2

Particulars of the approval

Forgings for shafting and machinery

Forgings for gearing

Steel type	Grade ³⁾	Forging method ¹⁾	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition ²⁾
C and C-Mn	NV F400U, NV F440U, NV F480U, NV F520U, NV F560U, NV F600U, NV F640U, NV F680U, NV F720U, NV F760U	OD, CD, RR	6 500	350	N, NT, QT
Alloy	NV F600A, NV F700A, NV F800A, NV F900A, NV F1000A, NV F1100A	OD, CD, RR	6 500	350	N, NT, QT

Forgings for boilers, pressure vessels and piping systems

Steel type	Grade	Forging method ¹⁾	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition ²⁾
Alloy	NV F0.5Mo	OD, CD, RR	6 500	350	N
	NV F2.25Cr1MoN				

Steels acc. other standards

Steel type	Grade	Forging method ¹⁾	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition ²⁾
Steel acc. ISO 683 ⁴⁾					
18CrNiMo7-6		OD, CD, RR	6 500	350	QT, FP

Remarks:

- 1) OD: Open die forging
CD: Closed die forging
RR: Ring rolling
- 2) N: Normalised
NT: Normalised and tempered
QT: Quenched and tempered
FP: Ferrite-Perlite annealing
- 3) Incl. equivalent grades in acc. to other standards
- 4) Possible application and certification of any material to classed object is subject to case by case approval