



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00001VU**  
Revision No:  
**3**

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-0252 Steel pipes and steel pipe fittings**

and the following particulars:

<b>Application area</b>	<b>Forgings for shafting and machinery</b> <b>Forgings for boilers, pressure vessels and piping systems</b>
<b>Steel type(s)</b>	<b>Carbon and carbon-manganese,</b> <b>Alloy</b>
<b>Max. weight</b>	<b>6 500 kg</b>
<b>Heat treatment condition</b>	<b>See page 2</b>

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 **2023-12-19**

for **DNV**

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

DNV local unit: **Prague CMC**

Approval Engineer: **Christian Wildhagen**

**Thorsten Lohmann**  
**Head of Section**

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

### Forgings for shafting and machinery

Steel type	Grade <sup>3)</sup>	Forging method <sup>1)</sup>	Max. weight [kg]	Max. diameter / section [mm]	Heat treatment condition <sup>2)</sup>
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	6 500	350	N, NT, QT
Alloy	VL C600A, VL C700A, VL C800A, VL C900A, VL F1000A, VL F1100A	OD, CD	6 500	350	N, NT, QT

### Forgings for boilers, pressure vessels and piping systems

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

Remarks:

- 1) OD: Open die forging  
CD: Closed die forging
- 2) N: Normalised  
NT: Normalised and tempered  
QT: Quenched and tempered