



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00002D2**  
Revision No:  
**3**

This is to certify:

That

**PRIVATE JOINT STOCK COMPANY  
«ELECTROMETALLURGICAL WORKS «DNIPROSPETSSTAL»  
NAMED AFTER A.M. KUZMIN»**  
81, Pivdenne Shose Str., 69008 Zaporizhzhia,  
Ukraine

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:

<b>Application area</b>	<b>Stainless steel forgings</b>
<b>Steel type</b>	<b>Austenitic stainless</b>
<b>Forging method</b>	<b>Open die forging</b>
<b>Max. Weight</b>	<b>4 500 kg</b>
<b>Max. diameter / section</b>	<b>325 mm</b>
<b>Heat treatment condition</b>	<b>Solution Heat Treated</b>
<b>Additional approval conditions</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 **2025-03-17**

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

DNV local unit: **Odessa**

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

### Stainless steel forgings

Steel type	Product	Forging method <sup>1)</sup>	Max. weight [kg]	Max. diameter [mm]	Heat treatment condition <sup>2)</sup>
Austenitic steel acc. EN 10222-5 and EN 10250-4					
1.4301, 1.4306, 1.4307, 1.4401, 1.4435, 1.4436, 1.4541, 1.4404, 1.4550, 1.4571	Bar	OD	4 500	325	SHT
Austenitic steel acc. ASTM A276 and A479					
304, 304L, 316, 316L, 316Ti, 321, 347	Bar	OD	4 500	325	SHT

Remarks:

<sup>1)</sup> OD: Open die forging

<sup>2)</sup> SHT: Solution heat treated (Solution Annealing)