



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00002YK**  
Revision No:  
**2**

This is to certify:

That

**HUTA ŁABĘDY Spółka Akcyjna**  
**ul. Anny Jagiellonki 45,**  
**44-109 Gliwice,**  
**Poland**

is an approved manufacturer of  
**Rolled Steel Products**

in accordance with

**DNV rules for classification – Ships**

**DNV-OS-B101 – Metallic materials**

**DNV class programme – DNV-CP-0243 Rolled steel products – non stainless steel**

and the following particulars:

<b>Application</b>	<b>High strength steel</b>
<b>Product</b>	<b>Structural sections (bulb flats)</b>
<b>Manufacturing method</b>	<b>Electric Arc Furnace, Continuous Casting</b>
<b>Max. thickness</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>As rolled</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 **2025-03-06**

This Certificate is valid until **2028-03-21**.

DNV local unit: **Katowice CMC**

Approval Engineer: **Andrzej Otrebski**



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

### High strength steel

Grade	Product	Steel making <sup>1)</sup>	Fine grain elements	Max. thickness [mm]	Heat treatment condition <sup>2)</sup>
NV A27S, NV D27S	Sections (bulb flats)	EAF, CC	Al, Al+V	9	AR
			Al+V	12	AR
NV A32, NV D32	Sections (bulb flats)	EAF, CC	Al, Al+V	9	AR
			Al+V	12	AR
NV A36, NV D36	Sections (bulb flats)	EAF, CC	Al, Al+V	9	AR
			Al+V	12	AR

#### Remarks:

- <sup>1)</sup> EAF: Electric Arc Furnace  
 CC: Continuous Casting
- <sup>2)</sup> AR: As rolled

#### Additional approval conditions:

The manufacturers of starting materials have to be approved by DNV.