

# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00000YK**  
Revision No:  
**2**

**This is to certify:**

**That**

**Walcownie Ostrowieckie WOST S.A.**  
**Ostrowiec, Swietokrzyski, Poland**

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

in accordance with  
**DNV GL rules for classification – Ships**  
**DNVGL-OS-B101 – Metallic materials**

and the following particulars:

<b>Application area</b>	<b>Normal strength steel</b> <b>High strength steel</b>
<b>Products</b>	<b>Sections</b>
<b>Manufacturing method</b>	<b>Electric Arc Furnace or Basic Oxygen Converter, Continuous Casting or Ingot Casting</b>
<b>Max. dimensions</b>	<b>See page 2</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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2019-09-16**

for **DNV GL**

This Certificate is valid until **2022-06-30**.

DNV GL local station: **Katowice**

Approval Engineer: **Stefan Röhr**

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



Job Id: **263.11-010269-1**  
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## Particulars of the approval

### Normal strength steel

Grade	Product	Steel making <sup>1)</sup>	Fine grain elements	Max. thickness [mm]	Heat treatment condition <sup>2)</sup>
VL A	Sections	BOC, CC or IC	-	40	AR
VL A	Sections	EAF, CC or IC	-	16	AR

### High strength steel

Grade	Product	Steel making <sup>1)</sup>	Fine grain elements	Max. thickness [mm]	Heat treatment condition <sup>2)</sup>
VL A36 VL D36 VL E36	Sections	BOC, CC or IC	Al+Nb	40	N
VL A36 VL D36	Sections	EAF, CC or IC	Al+Nb	16	AR

Remarks:

- 1) BOC: Basic Oxygen Converter; EAF: Electric Arc Furnace  
CC: Continuous Casting; IC: Ingot Casting
- 2) AR: As rolled; N: Normalised