

# APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

**HBIS GROUP Serbia Iron & Steel d.o.o. Beograd**  
Bulevar Mihajla Pupina 6, Beograd-Novi Beograd,  
11000 Beograd,  
Serbia

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

in accordance with  
**DNV GL rules for classification – Ships**

and the following particulars:

<b>Application area</b>	<b>Normal strength steel</b>
<b>Products</b>	<b>Strip</b>
<b>Manufacturing method</b>	<b>Basic oxygen converter, Continuous casting</b>
<b>Max. thickness / diameter</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 **2019-12-30**

This Certificate is valid until **2022-01-31**.  
DNV GL local station: **Rijeka**

Approval Engineer: **Christian Wildhagen**



for **DNV GL**  
Digitally Signed by: Roehr, Stefan  
Location: DNV GL Hamburg, Germany  
Signing Date: 07.01.2020 , on behalf of

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



## 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	Strip	BOC, CC	Al	15	CR

### Steels acc. to other standards<sup>3)</sup>

Grade	Product	Steel making <sup>1)</sup>	Fine grain elements	Max. thickness [mm]	Heat treatment condition <sup>2)</sup>
Steel acc. to EN 10025-2					
S235JR	Strip	BOC, CC	Acc. standard	15	Acc. standard

### Remarks:

- 1) BOC: Basic oxygen converter
- CC: Continuous casting
- 2) CR: controlled rolled
- 3) Possible application and certification of any material to classed object is subject to case by case approval