

# APPROVAL OF MANUFACTURER CERTIFICATE

**This is to certify:**

That

**AFV Acciaierie Beltrame S.p.A.  
Viale della Scienza 81 - 36100 Vicenza VI,  
Italy**is an approved manufacturer of  
**Steelmaking and Rolled Steel Products**in accordance with  
**DNV GL rules for classification – Ships  
DNV GL offshore standards**

and the following particulars:

<b>Application area</b>	<b>Normal strength steel High strength steel</b>
<b>Products</b>	<b>Sections</b>
<b>Manufacturing method</b>	<b>Electric ARC furnace, continuous casting</b>
<b>Max. thickness / diameter</b>	<b>See page 2</b>
<b>Heat treatment condition</b>	<b>See page 2</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 GL classed object shall fulfill the material requirements in the applicable DNV GL class rules.

Issued at **Hamburg** on **2019-04-03**for **DNV GL**This Certificate is valid until **2022-04-02**.DNV GL local station: **Venice**Approval Engineer: **Christian Wildhagen**

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**Thorsten Lohmann  
Head of Section**

Job Id: **263.11-004626-2**  
Certificate No: **AMMM00002GV**

## Particulars of the approval

### Normal strength steel

Grade	Product	Steel making <sup>1)</sup>	Fine grain elements	Max. thickness [mm]	Delivery condition <sup>2)</sup>
VL A, VL B, VL D	Section	EAF, CC	Al	25	NR
VL E	Section	EAF, CC	Al	13	NR

### High strength steel

Grade	Product	Steel making <sup>1)</sup>	Fine grain elements	Max. thickness [mm]	Delivery condition <sup>2)</sup>
VL A32, VL D32, VL A36, VL D36	Section	EAF, CC	Al+V	25	NR

Remarks:

- 1) EAF: Electric arc furnace  
CC: Continuous casting
- 2) NR: normalising rolling

Special conditions:  
Including blooms and billets