



# APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:  
**AMMM00002RR**  
Revision No:  
**1**

This is to certify:

That

**RUGUI MELT S.A.U.**

**Polígono Industrial Emiliano Revilla., 42110 Olvega, Soria,  
Spain**

is an approved manufacturer of  
**Steelmaking**

in accordance with

**DNV rules for classification – Ships**

**DNV-OS-B101 – Metallic materials**

**DNV class programme – DNV-CP-0242 Semi-finished steel products**

and the following particulars:

<b>Application area</b>	<b>Steelmaking</b>
<b>Products</b>	<b>Semi-finished products for rolling or forging stock (billets)</b>
<b>Steel type</b>	<b>Carbon and carbon-manganese, see page 2</b>
<b>Manufacturing method</b>	<b>Induction Furnace/Ladle Furnace/VD/ Continuous Casting</b>
<b>Deoxidation</b>	<b>Killed</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 classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2023-10-19**

for **DNV**

This Certificate is valid until **2026-05-12**.

DNV local unit: **Area NB/CMC Iberia**

Approval Engineer: **Christian Wildhagen**

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

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.



Form code: AM 311

Revision: 2022-12

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## Particulars of the approval

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### Semi-finished products

Steel grade <sup>3)</sup>	Product	Steel making <sup>1)</sup>	Fine grain treatment	Heat treatment condition <sup>2)</sup>
NV A	Billets	IF, LD, VD, CC, CC	Al or -	AC
NV A32, NV D32, NV E32, NV A36, NV D36, NV E36	Billets	IF, LD, VD, CC, CC	Al+V or V or Al+Nb+V	AC

Remarks:

- 1) IF: Induction Furnace; LD: Ladle Furnace; VD: Vacuum Degassing; CC: Continuous Casting
- 2) AC: As cast
- 3) Normal and high strength hull structural steel grades including equivalent structural steel grades to other standards