

APPROVAL OF MANUFACTURER CERTIFICATE

This is to certify:

That

Rugui Melt S.A.U.
Ólvega, Soria, Spain

is an approved manufacturer of
Steelmaking

in accordance with
DNV GL rules for classification – Ships

and the following particulars:

Application area	Steelmaking
Products	Semi-finished products for rolling or forging stock (billets)
Steel type	Carbon and carbon-manganese, see page 2
Manufacturing method	Induction Furnace/Ladle Furnace/VD/ Continuous Casting
Deoxidation	Killed
Max. thickness/diameter	See page 2
Heat treatment condition	See page 2

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 **2020-05-13**

for **DNV GL**

This Certificate is valid until **2023-05-12**.

DNV GL local station: **Bilbao**

Approval Engineer: **Stefan Röhr**

Thorsten Lohmann
Head of Section

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Job Id: **263.11-010505-1**
Certificate No: **AMMM00002RR**

Particulars of the approval

Semi-finished products

Steel grade ³⁾	Product	Steel making ¹⁾	Fine grain treatment	Heat treatment condition ²⁾
VL A	Billets	IF, LD, VD, CC, CC	Al or -	AC
VL A32, VL D32, VL E32, VL A36, VL D36, VL 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