

**APPROVAL OF MANUFACTURER  
CERTIFICATE**

Certificate No:  
**AMMM000000Y**  
Revision No:  
**1**

**This is to certify:**

**That**

**Acería de Alava, S.A.U. (ACERALAVA)  
Amurrio, Alava, Spain**

is an approved manufacturer of  
**Steelmaking**

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

and the following particulars:

<b>Application area</b>	<b>Steelmaking</b>
<b>Products</b>	<b>Semi-finished products for rolling or forging stock (ingots)</b>
<b>Steel type</b>	<b>Austenitic Stainless, Austenitic-Ferritic (Duplex) Stainless, see page 2</b>
<b>Manufacturing method</b>	<b>Electric Arc Furnace, AOD Converter, Ingot Casting</b>
<b>Deoxidation</b>	<b>Killed</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 **2019-08-14**

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

DNV GL local station: **Bilbao**

Approval Engineer: **Stefan Röhr**



for **DNV GL**

Digitally Signed By: Wildhagen, Christian

Location: DNV GL Hamburg, Germany

Signing Date: 2019-08-14, on behalf of

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



Form code: AM 311

Revision: 2018-03

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Job Id: **263.11-002941-4**  
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## Particulars of the approval

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### Semi-finished products

Steel type	Product	Steel making <sup>1)</sup>	Heat treatment condition <sup>2)</sup>
Austenitic Stainless	Ingot	EAF, AOD, IC	AC
Austenitic-ferritic (Duplex) stainless	Ingot	EAF, AOD, IC	AC

Remarks:

- 1) EAF: Electric Arc Furnace, AOD: Argon Oxygen Decarburization; IC: Ingot Casting
- 2) AC: As Cast
- 3) Possible application and certification of any material to classed object is subject to case by case approval