

# Inspection Certificate 3.1

Product **RUTILARC 46**  
Size(s) mm **3.25x350**  
Item No. **7160535Q**  
Lot/Batch **Z1MS190648**

Product Line **Electrode**

Class **AWS- A 5.1: E 6013**  
**EN ISO 2560-A: E 38 A R 1 1**

Customer Ref **20.106371**  
Our Reference **813751804**  
Quantity **709.2 KG**  
Customer **JOAQUIN VERDU DIAZ S.L**

**CTRA.DE VILLENA, KM.1 AP.282**  
**YECLA-MURCIA 30510**  
**España**

## Análisis Químico(%)

According to EN10204 3.1

C	Si	Mn	P	S	Cr	Ni	Mo	Nb	Cu	V	Ti	Al
0.068	0.32	0.40	0.025	0.008	0.07	0.05	< 0.01	0.01	0.10	< 0.01	0.011	< 0.01
B	Co	Sn										
< 0.001	< 0.001	0.002										

## Mechanical tests, all weld metal

According to EN10204 2.2

### Tensile testing

### Impact testing

Cond.	Temp. °C	Rp0.2 MPa	Rm MPa	A5 %	Z %	Temp. °C	KV J
AW	20	468	556	23	44	20	63

## Remarks

The product identified above has been manufactured, tested and supplied in compliance with a certified ISO 9001 Quality Assurance Programme.

Company  
**Lincoln Electric Iberia S.L.**  
**CTRA. LAUREA MIRO 396-398**  
**08980 SAINT FELIU DE LLOBREGAT**  
**Spain**

  
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Printed  
By **Daniel Garcia Blasco**  
Function **Warehouse operator**  
Date **JAN/15/2020**

Cert. No.  
**00925697**  
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