

# Inspection Certificate 3.1



Product Line **MMA**  
Product **LE R-143**  
Size(s) mm **3.2X350**  
Item No. **71E300370050**

Lot/Batch **T2MS220102**

Class **AWS A5.1 E6013**  
**EN ISO 2560-A E 42 0 RR 12**

Customer Ref **February/01**  
Our Reference **0816910726 - 24.02.2022**  
Quantity **8190.0 KG**  
Customer **ICS ACSEAL GAZ SRL**

**No. 13 PADURII STREET, SECTOR**  
**CHISINAU MD 2002**  
**Moldavia**

## Chemical analysis (%)

According to EN10204 3.1

| C     | Si   | Mn   | P     | S     | Cr   | Ni   | Mo   | Nb   | Cu   | V    |
|-------|------|------|-------|-------|------|------|------|------|------|------|
| 0.059 | 0.29 | 0.47 | 0.021 | 0.009 | 0.04 | 0.05 | 0.01 | 0.01 | 0.12 | 0.02 |

## Mechanical tests, all weld metal

According to EN10204 2.2

### Tensile testing

### Impact testing

| Cond. | Temp.<br>°C | Rp0.2<br>MPa | Rm<br>MPa | A5<br>% | Temp.<br>°C | KV<br>J |
|-------|-------------|--------------|-----------|---------|-------------|---------|
| AW    | 20          | 481          | 541       | 27      | 0           | 73      |

## Remarks

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

Company  
**TOSB-TAYSAD ORGANIZE SANAYI**  
**BOLGESI**  
**2.CADDE NO:5 ÇAYIROVA**  
**41435 KOCAELI**

Printed  
By **Pelin Sahin**  
Function **Junior Export Services**  
Specialist  
Date **04/MAR/2022**

Cert. No.  
**01665578**  
ZEU\_CMN\_1



# Inspection Certificate 3.1



Product Line **MMA**  
Product **LE R-143**  
Size(s) mm **4.0X350**  
Item No. **71E300470036**

Lot/Batch **T2MS221091**

Class **AWS A5.1 E6013**  
**EN ISO 2560-A E 42 0 RR 12**

Customer Ref **September-**  
Our Reference **0817815252 - 30.09.2022**  
Quantity **5400.0 KG**  
Customer ICS **ACSEAL GAZ SRL**

**No. 13 PADURII STREET, SECTOR BOTANICA**  
**CHISINAU MD 2002**  
**Moldavia**

## Chemical analysis (%)

According to EN10204 3.1

| C     | Si   | Mn   | P     | S     | Cr   | Ni   | Mo   | Nb   | Cu   | V    |
|-------|------|------|-------|-------|------|------|------|------|------|------|
| 0.094 | 0.34 | 0.47 | 0.023 | 0.008 | 0.04 | 0.03 | 0.01 | 0.01 | 0.05 | 0.02 |

## Mechanical tests, all weld metal

According to EN10204 2.2

### Tensile testing

### Impact testing

| Cond. | Temp.<br>°C | Rp0.2<br>MPa | Rm<br>MPa | A5<br>% | Temp.<br>°C | KV<br>J |
|-------|-------------|--------------|-----------|---------|-------------|---------|
| AW    | 20          | 481          | 541       | 27      | 0           | 73      |

## Remarks

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

Company  
**TOSB-TAYSAD ORGANIZE SANAYI**  
**BOLGESI**  
**2.CADDE NO:5 ÇAYIROVA**  
**41435 KOCAELI**

Issued By  
**E.Yegen**  
  
Technical Director

Printed  
By **Seda Pehlivan**  
Function **Junior Export Services**  
Specialist  
Date **OCT/18/2022**

Cert. No.  
**01871540**  
ZEU\_CMN\_1



**SPECIAL ALLOYS**