

# Certificat / Product Certificate

**Client:** Customer: **Nr Certificat:** Certificate n°: **Nr Comanda:** Order n°: **Nota de Livrare:** Delivery note:

**Data :** Date: **Cantitate** Quantity: **UM** UM:  
 --/--/-- KG Kilograme

**Denumire :** Trade name: **SUPERBAZ 3.20X0450XCBOX**

**Nr. Lot:** Batch n°:

**Clasificare :** Classification: **EN ISO 2560-A : E 42 4 B 42 H5**  
**AWS A 5.1 E7018-H4**

Confirmăm următoarele proprietăți pentru consumabilele de sudură livrate de noi.  
 We confirm following properties for the welding filler metals delivered by us.

## Analize Chimice : / Chemical analysis (%):

Certificat tip: EN 10 204-3.1 METAL DEPUR / WELD METAL

| C     | Mn    | Si    | P     | S     | Cr    | Ni    | Mo    | Nb    | V     |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.078 | 1.199 | 0.512 | 0.015 | 0.011 | 0.047 | 0.060 | 0.005 | 0.005 | 0.010 |
| Cu    |       |       |       |       |       |       |       |       |       |
| 0.081 |       |       |       |       |       |       |       |       |       |

## Proprietati Mecanice : / Mechanical properties:

Certificat tip: EN 10 204-2.2 METAL DEPUR / WELD METAL

| Proba de Tractiune in acord cu EN ISO 6892-1 |   |  |                             |        | Rezilianta in acord cu EN ISO 148-1 |   |                                    |
|--|---|--|-----------------------------|--------|-------------------------------------|---|------------------------------------|
| Tractiune                                    |   |  |                             |        | Rezilianta                          |   |                                    |
| Test Temp.<br>Test Temp.<br>°C               | Limita de Curgere<br>Yield strength<br>ReH<br>N/mm <sup>2</sup> | Rezistenta de<br>Rupere<br>Tensile strength<br>N/mm <sup>2</sup> | Alungire<br>Elongation<br>% | Z<br>% | Test Temp.<br>Test Temp.<br>°C      | Rezilianta<br>Impact strength<br>Joule (Charpy-V) | Tratament Termic<br>Heat treatment |
| +20  | 523   | 599  | 24                          |        | -40                                 | 105   | As Welded                          |

**Marian Domnescu**  
**QA Manager – Buzau Plant**

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