

**Arvedi Tubi Acciaio S.p.A.**  
26100 Cremona - Italia  
Via Acquaviva, 3 - Zona Porto Canale  
Tel. +39 0372 4091  
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A01  
Cap.Soc. 24.000.000 EUR i.v.  
Società soggetta all'attività di  
direzione e coordinamento di  
Finarvedi S.p.A.  
Società con Socio Unico  
R.I. CR 00113630198  
R.E.A. CR 90188  
Mecc. Est. CR 000296  
C.F. e Part. IVA IT 00113630198

A04

**Arvedi Tubi Acciaio**



**Inspection certificate EN 10204/3.1**

A02

| Number<br>A03         | 984940      | date<br>Z02 | 28/10/2025 |
|-----------------------|-------------|-------------|------------|
| Our order<br>A08      | 0211302179  | / 40        |            |
| Customer order<br>A07 | SZ-20102025 |             |            |
| date                  | 20/10/2025  |             |            |
| Consegna              | 0221672138  |             |            |
| delivery<br>A10       | 0000223132  | date        | 28/10/2025 |

Messrs

**SZATMARI KERESKEDELMI ES  
SZOLGALTATO KFT  
JASZTELKI 73**

**5100 JASZBERENY**

**HU**

A06

Description **TUBE FIN CUT**

B01

Standard **EN 10217-1 TR1 BOL**

B01

Dimensions **BOL 42,4x3,2x6000 ERW EN 10217-1 TR1**

B04;B9-B11

Steel grade **P235TR1**

B02

Tubes **90 MT 540,00 KG 1.560,00**

B08

B14

B13

**Chemical analysis**

C71-C92

|          | C           | Mn     | Si     | P      | S      | Al     | Cr     | Ni     | Mo     | Cu     | Sn | V      | Nb     | Ti     | B | N |
|----------|-------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|----|--------|--------|--------|---|---|
| min      |             |        |        |        |        | 0,0200 |        |        |        |        |    |        |        |        |   |   |
| max      | 0,1600      | 1,2000 | 0,3500 | 0,0300 | 0,0250 |        | 0,3000 | 0,3000 | 0,0800 | 0,3000 |    | 0,0200 | 0,0100 | 0,0400 |   |   |
| B07      |             |        |        |        |        |        |        |        |        |        |    |        |        |        |   |   |
| 3151569B | 0,0678      | 0,4010 | 0,0203 | 0,0109 | 0,0064 | 0,0426 | 0,0141 | 0,0093 | 0,0039 | 0,0052 |    | 0,0008 | 0,0004 | 0,0014 |   |   |
| 3151569B | CR+CU+MO+NI |        |        |        |        |        |        | <=0,7  |        | 0,0325 |    |        |        |        |   |   |

**Mechanical and technological tests**

C10-C29

| Works Nr. |  | Heat     | Lot | Tubes | >=  | 360 | <= | 500 | >=  | 235 |  |       | >= | 25,0 |  |  |  |
|-----------|--|----------|-----|-------|-----|-----|----|-----|-----|-----|--|-------|----|------|--|--|--|
| B07       |  | B07      | B07 |       |     |     |    |     |     |     |  |       |    |      |  |  |  |
| 13151569  |  | 3151569B |     | 90    | 415 |     |    |     | 392 |     |  | 32,93 |    |      |  |  |  |

| Test<br>B06;C01-C03;D1-D6;D51-D60 | Standard       | Required            |     | -   | Result   |
|-----------------------------------|----------------|---------------------|-----|-----|----------|
| Non destructive test              | EN ISO 10893-2 | E3H                 | %   | 100 | POSITIVE |
| Marking                           | EN 10217-1     |                     | %   | 100 | POSITIVE |
| test sample direction/loc         | EN 10217-1     | BODY - LONGITUDINAL | %   | 100 | POSITIVE |
| Flattening test                   | EN ISO 8492    |                     | LOT | 2   | POSITIVE |
| Leak tightness test               | EN ISO 10893-1 |                     | %   | 100 | POSITIVE |
| Visual                            | EN 10217-1     |                     | %   | 100 | POSITIVE |
| Dimensional inspection            | EN 10217-1     |                     | %   | 100 | POSITIVE |
| Drift Expanding Test              | EN ISO 8493    |                     | LOT | 1   | POSITIVE |

Remarks **EN 10217-1 ED. 2019**

D51

Z04

A05

**QUALITY DEPARTMENT**

Z02

(Noris Battocletti)

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Fax +39 0372 409349

e-mail: controllo.qualita@ata.arvedi.it

Z01

We hereby certify, that the material described above has been tested and complies with the terms of the order contract. This certificate has been created by a data processing system and does not contain a personal signature but the name and the official address of the appointed department.

Quality Management  
System Certified  
by IGQ

