



Adress : Barış Mahallesi,1805/3 Sokak.No:5/A Gebze Kocaeli.  
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Fax :+90 216 515 48 86  
Web :www.sonmezlermetal.com.tr

## MALZEME TEST SERTİFİKASI MILL TEST CERTIFICATE

Müşteri Adı ve Adresi:  
Name and Address of the Customer:

LLC METALICA-ZUEV  
MD-2028, Moldova, Chisinau st. G. Asaki, 62 – 22



EN 10219 NO: 2138-CPR-250/22  
EN 10219 DOP NO: SNM.DOP.001

Sertifika No/Certificate No : 298  
Sayfa/Page : 1  
Sevk Tarihi/Date of Dispatch : 6.11.2023  
Sertifika Tarihi/Certificate Date : 7.11.2023  
Sertifika Normu/Certificate Norm : EN 10204:2004/3.1  
Satış Belgesi/Order No : SSPA-017089  
Sefer Numarası/Shipment No : HXX860

### Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

| Sıra Item | Tip Type | Ebat Size     | Barkod Barcode | Döküm Heat | KG          | Lot No  | Üretim Normu Production Norm | Kalite Steel Grade  | YS N/mm <sup>2</sup> | TS N/mm <sup>2</sup> | E % | N. Bölgesi S. Location | N. Yönü S.Direction | N. Şekli S.Type | IE 1 J | IE 2 J | IE 3 J | IE AV. J | TT °C | N. Şekli S.Type | N.Genişliği S.Width | HT BAR | HT TIME Sec. |
|-----------|----------|---------------|----------------|------------|-------------|---------|------------------------------|---------------------|----------------------|----------------------|-----|------------------------|---------------------|-----------------|--------|--------|--------|----------|-------|-----------------|---------------------|--------|--------------|
| 1         |          | 14.0 mm Plaka | 1500x6000      | B000374234 | ND33109-010 | 13948,6 | SSPA-017089                  | UR20-058893         | S235JR               | 306                  | 472 | 28,3                   |                     |                 |        |        |        |          |       |                 |                     |        |              |
| 2         |          | 20.0 mm Plaka | 1500x6000      | B000365177 | PA01259-201 | 1425    | SSPA-017089                  | UR20-057277-002-001 | S235JR               | 292                  | 445 | 30,8                   |                     |                 |        |        |        |          |       |                 |                     |        |              |
| 3         |          | 25.0 mm Plaka | 1500x6000      | B000397954 | PA02412-204 | 7126,4  | SSPA-017089                  | UR20-062882-052-001 | S235JR               | 298                  | 459 | 31,8                   |                     |                 |        |        |        |          |       |                 |                     |        |              |
| 4         |          |               |                |            |             |         |                              |                     |                      |                      |     |                        |                     |                 |        |        |        |          |       |                 |                     |        |              |
| 5         |          |               |                |            |             |         |                              |                     |                      |                      |     |                        |                     |                 |        |        |        |          |       |                 |                     |        |              |

### Kimyasal ve Diğer Testler / Chemical and Other Tests

| Sıra Item | Barkod Barcode | C %  | Si % | S %   | Mn % | P %   | Al % | Cr % | Mo %  | Ni % | Cu % | N % | Ti %  | V %   | Nb %  | Ceq % | CEIW % | CEPCM % | M | Heat Treatment |       | VDC | FT | BD | EX | Non Destructive Testin |    |    | B |  |
|-----------|----------------|------|------|-------|------|-------|------|------|-------|------|------|-----|-------|-------|-------|-------|--------|---------|---|----------------|-------|-----|----|----|----|------------------------|----|----|---|--|
|           |                |      |      |       |      |       |      |      |       |      |      |     |       |       |       |       |        |         |   | Type           | Temp. |     |    |    |    | ECT                    | UT | PA |   |  |
| 1         | B000374234     | 0,17 | 0,02 | 0,008 | 0,90 | 0,014 |      | 0,01 | 0,006 | 0,01 | 0,02 |     | 0,001 | 0,001 | 0,001 | 0,321 |        |         |   |                |       |     |    |    |    |                        |    |    |   |  |
| 2         | B000365177     | 0,17 | 0,02 | 0,004 | 0,70 | 0,023 |      | 0,10 | 0,020 | 0,11 | 0,42 |     | 0,001 | 0,003 | 0,001 | 0,346 |        |         |   |                |       |     |    |    |    |                        |    |    |   |  |
| 3         | B000397954     | 0,16 | 0,02 | 0,002 | 0,80 | 0,012 |      | 0,06 | 0,018 | 0,08 | 0,24 |     | 0,001 | 0,005 | 0,001 | 0,330 |        |         |   |                |       |     |    |    |    |                        |    |    |   |  |
| 4         |                |      |      |       |      |       |      |      |       |      |      |     |       |       |       |       |        |         |   |                |       |     |    |    |    |                        |    |    |   |  |
| 5         |                |      |      |       |      |       |      |      |       |      |      |     |       |       |       |       |        |         |   |                |       |     |    |    |    |                        |    |    |   |  |

G İyi/Good  
YS :Akma Muk./Yield Strength(N/mm<sup>2</sup>)  
TS :Çekme Muk./Tensile Strength(N/mm<sup>2</sup>)  
E :Uzama/Elongation (%)  
B: Havsalı/ Bevelled  
VDC: Göznel Kontrol/ Visual/Dimensional Check  
EK: Genişleme/ Expanding  
HT: Hidrostatik Test/ Hydrostatic Test(Bar)  
IE :Darbe Enerjisi/Impact Energy  
TT :Test Sıcaklığı/ Test Temp.for Impact Testing  
HT TIME: Saniye/ Second  
FT: Yassıtma/ Flattening  
BD: Bükme/Bending

WS: Kaynak Dikisi/Weld Seam  
FB: Tüm Gövde/Full Body  
M: Markalama/Marking  
PA/PPB: Paket İçi Adet/Pieces per bundle  
L: Boyunluk/Length(Inch)  
T: Enine/Transverse  
WS: Kaynak Dikisi/Weld Seam  
ECT: Eddy Current Test  
UT: Ultrasonic Test  
PA: Phased Array  
F: Düz/Flat  
P: Boru/Pipe

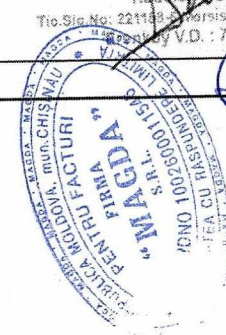
EN 10219-1 CE Kapsam/Scope:  
20mmX20mm' den - 120mmX120mm 'ye kadar,  
kalınlık 1,50 mm'den 6 mm'ye kadar kare profil  
From 20mmX20mm up to 120mmX120mm  
Thickness: from 1,50mm up to 6mm square profile  
10mmX30 mm 'den 100x150 mm'ye kadar,  
kalınlık 1,50 mm'den 6 mm'ye kadar dikdörtgen profil  
From 10mmX30mm up to 100mmX150mm  
Thickness: from 1,50mm up to 6mm rectangular profile  
Ø 19mm'den -Ø 165,1mm'ye kadar  
kalınlık 1,50 mm'den 6 mm'ye kadar kare profil dairesel profil  
From Ø 19mm Ø165,1 mm  
Thickness: from 1,50mm up to 6mm circular profile

Onay/Approved By

Kalite Müdürü/Quality Manager  
OĞUZ KEMAL ÖNER  
oguzoner@sonmezlermetal.com.tr

SÖNMEZLER METAL DEMİR ÇELİK  
İNŞ. SAN. VE TİC. A.Ş.  
19 Mayıs Mahallesi Sok. No:4  
Kadıköy - İSTANBUL  
Tic.Sic.No: 221168 Şahıs No: 5779280500820001  
V.D. : 779 000 5008

Bu Sertifika SÖNMEZLER METAL DEMİR ÇELİK İNŞ SAN VE TİC. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu teyit ederiz.  
These results are certified by SÖNMEZLER METAL DEMİR ÇELİK İNŞ SAN VE TİC. A.Ş. and compli with the requirements of the product description.







# TEST CERTIFICATE

EN 10204 : 2004 TYPE 2.2



CUSTOMER: "METALICA-ZULV" S.R.L.  
 PRODUCT NO: 20210035  
 PRODUCE DATE: 26.04.2023

OR Less Method  
 Date: 14.04.2023

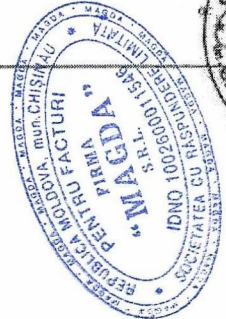
DIMENSIONS, mm:  
 STEEL GRADE & SPECIFICATION: S235JR DIN EN10025  
 TYPE OF PRODUCT, DESCRIPTION: HOT ROLLED STEEL SHEETS/PLATES

DATE: 20.05.23  
 REPORT NO: 6135

| PLATE NO. | ASROLLT (R) | Grade        | DIMENSIONS (mm) | P.S. or P.P. | MECHANICAL PROPERTIES |                |                  |      |            |        |                     |   |          |                             |   |       | CHEMICAL COMPOSITION, ANALYSIS |                          |       |       |       |     |      |      |
|-----------|-------------|--------------|-----------------|--------------|-----------------------|----------------|------------------|------|------------|--------|---------------------|---|----------|-----------------------------|---|-------|--------------------------------|--------------------------|-------|-------|-------|-----|------|------|
|           |             |              |                 |              | TENSILE TEST          |                |                  |      | REBIL TEST | DH VAL | F.M. AND STRIP TEST | F.M. AND STRIP TEST (Drawing Equipment) | HARDNESS | IMPACT TEST, JERKE POSITION |   |       |                                | HIGH TEMP. Y-SLTR NUMBER | C %   | MN %  | P %   | S % | SI % | II % |
|           |             |              |                 |              | SAM POS.              | YIELD STRENGTH | TENSILE STRENGTH | % EL |            |        |                     |   |          | 1                           | 2 | 3     | 4                              |                          |       |       |       |     |      |      |
| 23106287  | S235JR      | 16x1500x6000 |                 |              | 342                   | 454            | 37,4             | OK   |            |        |                     |   |          |                             |   | 0,006 | 0,500                          | 0,014                    | 0,018 | 0,017 | 0,000 |     |      |      |
| 23106489  | S235JR      | 16x1500x6000 |                 |              | 342                   | 414            | 33,8             | OK   |            |        |                     |   |          |                             |   | 0,006 | 0,500                          | 0,014                    | 0,018 | 0,022 | 0,000 |     |      |      |
| 23105246  | S235JR      | 16x1500x6000 |                 |              | 342                   | 414            | 35,4             | OK   |            |        |                     |   |          |                             |   | 0,006 | 0,500                          | 0,014                    | 0,018 | 0,017 | 0,000 |     |      |      |

WE SUPPLIER HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MADE BY THE BASIC OXYGEN PROCESS AND TESTED IN ACCORDANCE WITH THE RULES OF DIN EN 10204-2015 AND STATED GRADES BY MANUFACTURER

NOTE: T: Top, M: Middle, E: End, T: Transverse, L: Longitudinal, P.S.: Piece of Strip, P.P.: Piece of Plate



*Allegri*





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## MALZEME TEST SERTİFİKASI MILL TEST CERTIFICATE

CE 2797 CPR 795327

UK 0086 CPR 784543

EN 10219 NO: 2797 CPR 795327

EN 10219 DOP NO: SNM.DOP.001

Sertifika No/Certificate No : 464  
Sayfa/Page : 1  
Sevk Tarihi/Date of Dispatch : 23.01.2024  
Sertifika Tarihi/Certificate Date : 23.01.2024  
Sertifika Normu/Certificate Norm : EN 10204:2004/3.1  
Satış Belgesi/Order No : SSPA-017864  
Sefer Numarası/Shipment No : RGR789

Müşteri Adı ve Adresi:  
Name and Address of the Customer:

LLC METALICA-ZUEV  
MD-2028, Moldova, Chisinau st. G. Asaki, 62 - 22

### Ürün Bilgisi ve Mekanik Testler/Product Information and Mechanical Tests

| Sıra Item | Tip Type | Ebat Size     | Barkod Barcode | Döküm Heat | KG          | Lot No | Üretim Normu Production Norm | Kalite Steel Grade  | YS N/mm <sup>2</sup> | TS N/mm <sup>2</sup> | E % | N. Bölgesi S. Location | N. Yönü S. Direction | N. Şekli S. Type | IE 1 J | IE 2 J | IE 3 J | IE AV. J | TT °C | N. Şekli S. Type | N. Geniğiği S. Width | HT BAR | HT TIME Sec. |  |
|-----------|----------|---------------|----------------|------------|-------------|--------|------------------------------|---------------------|----------------------|----------------------|-----|------------------------|----------------------|------------------|--------|--------|--------|----------|-------|------------------|----------------------|--------|--------------|--|
| 1         |          | 10.0 mm Plaka | 1500x6000      | B000437750 | PE20439-011 | 10620  | SSPA-017864                  | UR20-069622-001-001 | S235JR               | 305                  | 420 | 33,2                   |                      |                  |        |        |        |          |       |                  |                      |        |              |  |
| 2         |          | 10.0 mm Plaka | 1500x6000      | B000436389 | PE20439-011 | 11330  | SSPA-017864                  | UR20-069622-001-002 | S235JR               | 305                  | 420 | 33,2                   |                      |                  |        |        |        |          |       |                  |                      |        |              |  |
| 3         |          |               |                |            |             |        |                              |                     |                      |                      |     |                        |                      |                  |        |        |        |          |       |                  |                      |        |              |  |
| 4         |          |               |                |            |             |        |                              |                     |                      |                      |     |                        |                      |                  |        |        |        |          |       |                  |                      |        |              |  |
| 5         |          |               |                |            |             |        |                              |                     |                      |                      |     |                        |                      |                  |        |        |        |          |       |                  |                      |        |              |  |

### Kimyasal ve Diğer Testler / Chemical and Other Tests

| Sıra Item | Barkod Barcode | C %  | Si % | S %   | Mn % | P %   | Al % | Cr % | Mo %  | Ni % | Cu % | N % | Ti %  | V %   | Nb %  | Coq % | CEIW % | CEPCM % | M | Heat Treatment |       | VDC | FT | BD | EX | Non Destructive Testin |    |    | B |
|-----------|----------------|------|------|-------|------|-------|------|------|-------|------|------|-----|-------|-------|-------|-------|--------|---------|---|----------------|-------|-----|----|----|----|------------------------|----|----|---|
|           |                |      |      |       |      |       |      |      |       |      |      |     |       |       |       |       |        |         |   | Type           | Temp. |     |    |    |    | ECT                    | UT | PA |   |
| 1         | B000437750     | 0,16 | 0,01 | 0,012 | 0,61 | 0,018 |      | 0,03 | 0,006 | 0,02 | 0,06 |     | 0,001 | 0,002 | 0,002 | 0,270 |        |         |   |                |       |     |    |    |    |                        |    |    |   |
| 2         | B000436389     | 0,16 | 0,01 | 0,012 | 0,61 | 0,018 |      | 0,03 | 0,006 | 0,02 | 0,06 |     | 0,001 | 0,002 | 0,002 | 0,270 |        |         |   |                |       |     |    |    |    |                        |    |    |   |
| 3         |                |      |      |       |      |       |      |      |       |      |      |     |       |       |       |       |        |         |   |                |       |     |    |    |    |                        |    |    |   |
| 4         |                |      |      |       |      |       |      |      |       |      |      |     |       |       |       |       |        |         |   |                |       |     |    |    |    |                        |    |    |   |
| 5         |                |      |      |       |      |       |      |      |       |      |      |     |       |       |       |       |        |         |   |                |       |     |    |    |    |                        |    |    |   |

G İyi/Good  
YS :Akma Muk./Yield Strength(N/mm<sup>2</sup>)  
TS :Çekme Muk./Tensile Strength(N/mm<sup>2</sup>)  
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HT TIME: Saniye/ Second  
FT: Yassılma/ Flattamin  
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WS: Kaynak Dikişi/Weld Seam  
FB: Tüm Gövde/Full Body  
M: Markalama/Marking  
PA/PPB: Paket içi adet/Pieces per bundle  
C: Soyunma/Coating  
T: Enine/Transverse  
WS: Kaynak Dikişi/Weld Seam  
ECT:Eddy Current Test  
UT: Ultrasonic Test  
PA: Phased Array  
F: Düz/Flat  
P: Boru/Pipe

EN 10219-1 CE Kapsam/Scope:  
20mmX20mm' den - 120mmX120mm 'ye kadar,  
kalınlık 1,50 mm'den 6 mm'ye kadar kare profil  
From 20mmx20mm up to 120mmx120mm  
Thickness: from 1,50mm up to 6mm square profile  
10mmX30 mm 'den 100x150 mm'ye kadar,  
kalınlık 1,50 mm'den 6 mm'ye kadar dikdörtgen profil  
From 10mmx30mm up to 100mmx150mm  
Thickness: from 1,50mm up to 6mm rectangular profile  
Ø 19mm'den -Ø 165,1mm'ye kadar  
kalınlık 1,50 mm'den 6 mm'ye kadar kare profil dairesel profil  
From Ø 19mm toØ165,1 mm  
Thickness: from 1,50mm up to 6mm circular profile

Onay/Approved By  
Kalite Müdürü/Quality Manager  
OGUZ KEMAL ÖNER  
oguzoner@sonmezlermetal.com.tr  
Tic. Sic. No: 27973/0600800001  
0216 515 48 86

Bu Sertifika SÖNMEZLER METAL DEMİR ÇELİK İNŞ SAN VE TİC. A.Ş. tarafından üretilen standartlara ve sipariş kontratına uygun olduğunu teyit ederiz.  
These results are certified by SÖNMEZLER METAL DEMİR ÇELİK İNŞ SAN VE TİC. A.Ş. and compl with the requirements of the product description.



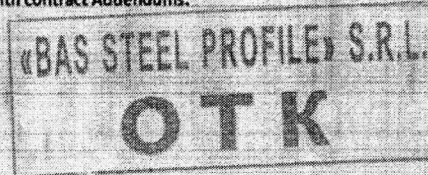
|   |  |  |  |   |  |   |  |   |  |
|---|--|--|--|---|--|---|--|---|--|
| <b>Manufacturer:</b><br>BAS STEEL PROFILE SRL<br>str.Vozralinaia 28, Taraclia, Moldova<br>Phone:+373 78 436 481 |  | <b>MILL'S TEST CERTIFICATE</b><br>(ACC.TO EN10204 / 3.1)             |  | <b>Transport:</b>   |  |  |  |   |  |
| <b>Customer:</b> METALICA-ZUEV  |  | No. 2031 Date: 22.03.2024  |  | B03-B06   |  | B12<br>Total weight, Kg: 22624<br>Total Length, m: 1728,00 (meters)                 |  | B08<br>Pieces: 144<br>Bundles: 9  |  |
| <b>Contract No.:</b> 1D<br><b>Specification №:</b> 0015/1D<br><b>Order No.:</b><br><b>Destination:</b> Moldova  |  | A06 Welded cold sized tubes<br>STEEL Grade S235JRH,<br>Direct welded |  | A07 Package wrapped with 6 straps through the side<br>100% NDT on the weld seam. NDT on the weld seam acc. EN ISO 1089, |  | EN 10219-1/2<br>S235JRH   |  | <br>2174 |  |
|   |  | Plain ends, straight cut from mill                                   |  |   |  |   |  |   |  |

| Mechanical Test |          |           |             |                  |     |             |     |     |     |     |                 |  |
|-----------------|----------|-----------|-------------|------------------|-----|-------------|-----|-----|-----|-----|-----------------|--|
| B09             | B10      | Steel     | B07         | Heat             | C02 | C03         | C11 | C12 | C13 | D02 | D03             |  |
| Dimension(mm)   | W.T.(mm) | Grade     | Nr. Bundles | Direction of the |     | Test        | ReH | Rm  | A   | Ra  | Hydraulic       |  |
|                 |          |           |             | test pieces      |     | temperature |     |     |     | µm  | sure, bar, min. |  |
| 140x100         |          | 4 S235JRH | 0019\152    | 813288-9         | L   | ambient     | 289 | 402 | 30  | -   |                 |  |
| 140x100         |          | 4 S235JRH | 0020\152    | 813288-9         | L   | ambient     | 289 | 402 | 30  | -   |                 |  |
| 140x100         |          | 4 S235JRH | 0021\152    | 813288-9         | L   | ambient     | 289 | 402 | 30  | -   |                 |  |
| 140x100         |          | 4 S235JRH | 0018\152    | 813288-9         | L   | ambient     | 289 | 402 | 30  | -   |                 |  |
| 140x100         |          | 4 S235JRH | 0017\152    | 713423           | L   | ambient     | 284 | 378 | 36  | -   |                 |  |
| 140x100         |          | 4 S235JRH | 0016\152    | 713423           | L   | ambient     | 284 | 378 | 36  | -   |                 |  |
| 140x100         |          | 4 S235JRH | 7\152       | 813288           | L   | ambient     | 294 | 427 | 29  | -   |                 |  |
| 140x100         |          | 4 S235JRH | 0014\152    | 813288           | L   | ambient     | 294 | 427 | 29  | -   |                 |  |
| 140x100         |          | 4 S235JRH | 0015\152    | 813288           | L   | ambient     | 294 | 427 | 29  | -   |                 |  |



We state on our sole responsibility that the delivered products are in conformity with production standards or with contract Addendums.  
 Visual inspection: checked without any objection  
 Tolerances on dimensions and shape: pass



Drawn by,  
 Eng. Filipov Nicolai



Signature of the QCD representative,  
 Eng. Nekiit Yurii







|   |  |   |  |   |  |  |  |
|---|--|---|--|---|--|--|--|
| <b>Manufacturer:</b><br>BAS STEEL PROFILE SRL<br>str.Vozzalinaia 28, Taraclia, Moldova<br>Phone:+373 78 436 481 |  | <b>MILL'S TEST CERTIFICATE</b><br>(ACC.TO EN10204 / 3.1)  |  | <b>Transport:</b>                       |  |                                     |  |
| <b>Customer:</b> METALICA-ZUEV  |  | No. 2031 Date: 22.03.2024   |  | B03-B06                                 |  | B12  |  |
| <b>Contract No.</b> 1D<br><b>Specification №</b> 0015/1D<br><b>Order No.</b><br><b>Destination</b> Moldova      |  | <b>A06</b> Welded cold sized tubes<br>STEEL Grade S235JRH,<br>Direct welded   |  | <b>Total weight, Kg</b><br>22624        |  | <b>Total Length, m</b><br>1 728,00 (meters)  |  |
|   |  | <b>A07</b> Package wrapped with 6 straps through the side<br>100% NDT on the weld seam. NDT on the weld seam acc. EN ISO 1085 ,<br>Plain ends, straight cut from mill |  | <b>Pieces:</b> 144<br><b>Bundles:</b> 9 |  | EN 10219-1/2<br>S235JRH<br><br>2174 |  |

|               |          |           |             |          | Chemical Composition |      |      |       |       |      |      |      |      |       |       |
|---------------|----------|-----------|-------------|----------|----------------------|------|------|-------|-------|------|------|------|------|-------|-------|
|               |          |           |             |          | C71-C92              |      |      |       |       |      |      |      |      |       |       |
| B09           | B08      | Steel     |             | B07      | C                    | Si   | Mn   | S     | P     | Cr   | Ni   | Cu   | As   | N     | Al    |
| Dimension(mm) | W.T.(mm) | Grade     | Nr. Bundles | Heat     | x100                 | x100 | x100 | x1000 | x1000 | x100 | x100 | x100 | x100 | x1000 | x1000 |
| 140x100       |          | 4 S235JRH | 0019\152    | 813288-9 | 12,0                 | 2,0  | 43,0 | 27,0  | 19,0  | 3,0  | 1,0  | 1,0  |      | 9     |       |
| 140x100       |          | 4 S235JRH | 0020\152    | 813288-9 | 12,0                 | 2,0  | 43,0 | 27,0  | 19,0  | 3,0  | 1,0  | 1,0  |      | 9     |       |
| 140x100       |          | 4 S235JRH | 0021\152    | 813288-9 | 12,0                 | 2,0  | 43,0 | 27,0  | 19,0  | 3,0  | 1,0  | 1,0  |      | 9     |       |
| 140x100       |          | 4 S235JRH | 0018\152    | 813288-9 | 12,0                 | 2,0  | 43,0 | 27,0  | 19,0  | 3,0  | 1,0  | 1,0  |      | 9     |       |
| 140x100       |          | 4 S235JRH | 0017\152    | 713423   | 12,0                 | 1,4  | 38,0 | 24,0  | 18,0  | 2,0  | 1,0  | 1,0  |      | 9     |       |
| 140x100       |          | 4 S235JRH | 0016\152    | 713423   | 12,0                 | 1,4  | 38,0 | 24,0  | 18,0  | 2,0  | 1,0  | 1,0  |      | 9     |       |
| 140x100       |          | 4 S235JRH | 7\152       | 813288   | 12,0                 | 2,0  | 43,0 | 27,0  | 19,0  | 3,0  | 1,0  | 1,0  |      | 9     |       |
| 140x100       |          | 4 S235JRH | 0014\152    | 813288   | 12,0                 | 2,0  | 43,0 | 27,0  | 19,0  | 3,0  | 1,0  | 1,0  |      | 9     |       |
| 140x100       |          | 4 S235JRH | 0015\152    | 813288   | 12,0                 | 2,0  | 43,0 | 27,0  | 19,0  | 3,0  | 1,0  | 1,0  |      | 9     |       |



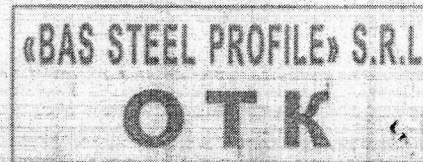
«BAS STEEL PROFILE» S.R.L.  
**OTK**



|  |  |  |  |                           |  |   |  |                           |  |
|--|--|--|--|---------------------------|--|---|--|---------------------------|--|
| <b>Manufacturer:</b><br>BAS STEEL PROFILE SRL<br>str.Vocalinaia 28, Taraclia, Moldova<br>Phone:+373 78 436 481 |  | <b>MILL'S TEST CERTIFICATE</b><br>(ACC.TO EN10204 / 3.1)   |  | <b>Transport:</b>         |  |  |  |                           |  |
| <b>Customer:</b> METALICA-ZUEV   |  | No. 2031 Date: 22.03.2024  |  | Total weight, Kg<br>22624 |  | Total Length, m<br>1 728,00 (meters)  |  | Pieces: 144<br>Bundles: 9 |  |
| <b>Contract No.</b> 1D<br><b>Specification №</b> 0015/1D<br><b>Order No.</b><br><b>Destination</b> Moldova     |  | Welded cold sized tubes<br>STEEL Grade S235JRH,<br>Direct welded   |  | EN 10219-1/2<br>S235JRH   |  |  |  |                           |  |
|  |  | Package wrapped with 6 straps through the side<br>100% NDT on the weld seam. NDT on the weld seam acc. EN ISO 1085 , |  |                           |  |   |  |                           |  |
|  |  | Plain ends, straight cut from mill   |  |                           |  |   |  |                           |  |

**Product description**

| Nr. | B07         |          | Product              | Dimension(mm) | Thickness(mm) | Length(mm) | Deviation | B08     |        | B12               | B13               | Meters |
|-----|-------------|----------|----------------------|---------------|---------------|------------|-----------|---------|--------|-------------------|-------------------|--------|
|     | Nr. Bundles | Heat     |                      |               |               |            |           | Bundles | Pieces | Netto Weight (Kg) | Brutto weight, kg |        |
| 1   | 0019\152    | 813288-9 | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2500              | -                 | 192    |
| 2   | 0020\152    | 813288-9 | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2477              | -                 | 192    |
| 3   | 0021\152    | 813288-9 | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2510              | -                 | 192    |
| 4   | 0018\152    | 813288-9 | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2491              | -                 | 192    |
| 5   | 0017\152    | 713423   | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2515              | -                 | 192    |
| 6   | 0016\152    | 713423   | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2543              | -                 | 192    |
| 7   | 7\152       | 813288   | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2496              | -                 | 192    |
| 8   | 0014\152    | 813288   | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2541              | -                 | 192    |
| 9   | 0015\152    | 813288   | S235JRH-EN 10219-1/2 | 140x100       | 4             | 12 000     | +50/-0    | 1       | 16     | 2551              | -                 | 192    |





**CERTIFICAT DE INSPECTIE / INSPECTION CERTIFICATE  
SR EN 10204:2005 ( EN 10204:2004 ) 3.1**

ArcelorMittal HUNEDOARA S.A:  
Quality Inspection & Statistics  
Hunedoara-Romania Cod 331111

stinar / Destined to:  
**Thyssenkrupp Materials Romania**  
resa/Address: b-dul Basarabiei, 256, 030171, BUCURESTI  
ra/State: România  
gon/Wagon / Auto/Truck:  
03VYD/HD09VYD

Nr. / No.: **1450092081** Data / Date: **14.03.2024**  
Comanda nr. / Order no.: **5332** Comanda data / Order date: **23.01.2024**

ndard de marca / Material norm: **SR EN 10025-2:2019**

rcaj color:

IP: **AMHU-2/05 CPR-13-1**

servatii / Remarks:

| Nr. Sarcina / Heat No | Marca / Quality | Produs / Product | Buc. / Pieces | Cantitate / Quantity [to] | Lungime / Length [mm] | Toleranta la lungime / Tolerance To length [mm] | Incerari mecanice/Mechanical tests       |                         |        |  |           |         |         |         |                       |      |
|-----------------------|-----------------|------------------|---------------|---------------------------|-----------------------|---|--|-------------------------|--------|--|-----------|---------|---------|---------|-----------------------|------|
|                       |                 |                  |               |                           |                       |   | Incovoiere prin soc / Charpy impact test |                         |        | Incovoiere prin soc / Charpy impact test |           |         |         |         |                       |      |
|                       |                 |                  |               |                           |                       |   | ReH [N/mm <sup>2</sup> ]                 | Rm [N/mm <sup>2</sup> ] | A5 [%] | Tip epruveta / Type of sample            | Temp [°C] | KV1 [J] | KV2 [J] | KV3 [J] | Medie KV / Average KV |      |
| 1                     | 73266           | S275JO+M         | IPE300        | 8                         | 4.102                 | 12100   | -0 / +100                                | 333                     | 455    | 32,0                                     | 300/10    | 0       | 76,0    | 72,0    | 64,0                  | 70,7 |

**Compozitie chimica pe otel lichid/Chemical analysis of the liquid steel [%]**

| Nr. Sarcina / Heat No | C     | Mn    | Si    | S     | P     | Cr    | Ni    | Cu    | Mo    | Ti    | V     | Al    | Sn    | B     | Nb     | N      | O(ppm) | H(ppm) | CEV   |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|-------|
| 1                     | 73266 | 0,150 | 0,580 | 0,220 | 0,015 | 0,017 | 0,070 | 0,090 | 0,350 | 0,020 | 0,001 | 0,003 | 0,002 | 0,014 | 0,0002 | 0,0008 | 0,0085 |        | 0,295 |



I hereby declare that the invoiced goods are processed without incorporating iron and steel products originating in Russia or Belarus and that the invoiced goods are in conformity with the EU Regulation no. 833/2014 of July 2014 and all further amendments accordingly.

Intenzia preconizata/Intended uses: Structuri metalice si/sau structuri mixte otel-beton/Metalic structures and/or mixed structures steel-concrete

Stabilitate/Durability: Compozitie chimica / Chemical analysis

Stabilitate/Weldability: CEV

Substanta reglementata/Regulated substance: Performanta nedeterminata/No performance determined

Etichetat/Marked: **SR EN 10025-1:2005 ( EN 10025-1:2004 )**

Suprafata/Surface: **SR EN 10163-3:2005, clasa C, subcl.1 ( EN 10163-3:2004 )**

Dimensiuni/Dimension: **SR EN 10365/2017; EN 10365/2017**

la dim. si forma / Tolerances on dimension and shape: **SR EN 10034/1995; EN 10034/1993**

Materialul mai sus mentionat nu prezinta radioactivitate  
The above mentioned material has not displayed any radioactivity

Directorul Calitatii si Statistici/Quality Inspection & Statistics  
Quality Manager: Ileana Cristea Eng.



Intocmit/Elaborate:

FLORIN VIOREL DRAGOI

