

A03 № 3130022169 /2021.11.13

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A02 Inspection certificate EN 10204 / 3.1

A05 HUS LTD.

A01 **HUS LTD**  
1 Industrialna Str. 3600  
Lom, Bulgaria

B01 **Cold formed welded structural hollow sections  
of non-alloy and fine grain steels according EN  
10219-2:2006**

A08 Order №  
A06 Customer SZATMARI KFT  
A07 Invoice № 3130022169

B02 EN 10219-1 S235JRH B10 length 6000 mm.  
B09 CFRHS option 1.1 ; 1.4  
B09

B07 B08 384 m.

B12 B13

B09 CFRHS 100x50x3  
B09 CFRHS 120x120x3  
B09 CFRHS 120x120x3

B10  
B10  
B10

B08 192 m.  
B08 96 m.  
B08 96 m.

B13  
B13  
B13

B06 0001685589989  
B06 0001894797989  
B06 0001894803989

B07 41757-4  
B07 21600698  
B07 21600698

## B07 Chemical composition %

| Bundle №        | Heat №  | C     | Mn | Si | P      | S  | Al | Cu    | Cr | Ni | Mo     | Ti | V | Nb    | N | CEV 2 |  |
|-----------------|---------|-------|----|----|--------|----|----|-------|----|----|--------|----|---|-------|---|-------|--|
|                 |         | x 100 |    |    | x 1000 |    |    | x 100 |    |    | x 1000 |    |   | x 100 |   |       |  |
| 000168558998910 | 1221405 | 6     | 38 | 1  | 25     | 25 |    |       |    |    |        |    |   |       | 4 | 16    |  |
| 000189479798910 | E864954 | 6     | 47 | 1  | 11     | 4  |    |       |    |    |        |    |   |       | 7 | 17    |  |
| 000189480398910 | E864954 | 6     | 47 | 1  | 11     | 4  |    |       |    |    |        |    |   |       | 7 | 17    |  |

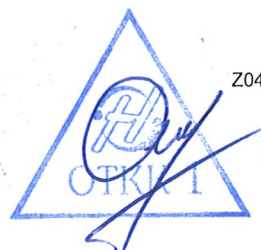
## B07 Mechanical properties

| Heat №  | C00      | C03 | C11        | C12       | C13    | C14    | C42         | C50           | C70 | C71 |
|---------|----------|-----|------------|-----------|--------|--------|-------------|---------------|-----|-----|
|         | Test №   |     | ReH<br>MPa | Rm<br>MPa | A<br>% | ReH/Rm | Impact test | Certificate № |     |     |
| 1221405 | 41757-4  |     | 290        | 395       | 34     |        | not done    | 536349        |     |     |
| E864954 | 21600698 |     | 310        | 415       | 34     |        | not done    | 90928585      |     |     |
| E864954 | 21600698 |     | 310        | 415       | 34     |        | not done    | 90928585      |     |     |

D02 Non-destructive testing - passed.

Z02 Z03 Director Branch Lom  
N.Dechev  
Date 13.11.2021  
Seal HUS LTD.

www.husltd.com



Z04



A05 TM

D01 The test has been performed on the provided products and the results are satisfactory.

Z01 The producer declares that the product is according to the customer's order.

Z05 Without any post heat treatment; with shape, dimensions and tolerances according EN 10219-2; performance characteristics according appendix ZA.1 of the product standart. Function - for steel structures and combined steel and reinforced concrete structures.

Z06 Claims are allowed within 14 days from product receipt. In order to consider a claim, the customer must provide a quality inspection control document and a marking on the claimed goods. Claims associated with unloading and storage of the goods will not be accepted.

Z07 Declaration of performance № 3130022169 HUS CFRHS S235JRH /2021