



Открытое акционерное общество
"Белорусский металлургический завод —
управляющая компания холдинга
"Белорусская металлургическая компания"

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МФО 151501673, УНП 400074854

27.04.2016 № М/352 а
На № _____ от _____

Open Joint-Stock Company
"Byelorussian Steel Works — management company of
"Byelorussian Metallurgical Company" holding"

37 Promyshlennaya St, 247210, Zhlobin, Gomel region.
Tel. +375 2334 2 50 99, 5 55 20; fax +375 2334 3 10 70, 3 16 35,
email: ofwork@bmz.gomel.by

Acc. No. 301200380014 with JSCB "BELARUSBANK", branch 312, Zhlobin,
MFO 151501673, TRN 400074854

Declaration of performance

(European construction regulations №305/2011, Annex III)
№ 1.0576/S355J2H- CPR-1011

1. Unique identification code of product type: **S355J2H – EN 10210-1, -2**
2. Product name: **Hot-rolled seamless hollow sections from unalloyed steel for metal structures**
3. Manufacturer: **Open Joint Stock Company
«Byelorussian steel works — management company of «Byelorussian metallurgical company» holding»
37, Promyshlennaya str., 247210, Zhlobin, Republic of Belarus
Tel/fax +375 2334 54129
e-mail: qualdir@bmz.gomel.by www.belsteel.com**
4. Name and address of an authorized representative of the manufacturer acting under mandate: **Not applicable**
5. System for assessment and verification of performance characteristics: **System 2+**
- 6a. Harmonized specification: **EN 10210-1:2006**
- Name and number of notified institution that issued a certificate: **Institution for certification of construction products and metal constructions registered under №0045 TÜV NORD System GmbH & Co.KG (Hamburg, Germany)**
- 6b. European assessment document: **Not applicable**



7. Declared performance:

| Essential characteristics | Performance | | | | | | Harmonized technical specification |
|---------------------------|------------------------------------------------------------------------------------|----------------------|------|-------|-------|---|------------------------------------|
| Size | Nominal outer diameter: from 21,3 to 168,3mm Wall thickness from 2,3 to 25mm | | | | | | EN10210-1:2006 |
| Yield strength | Wall thickness, mm | R_{eH} , MPA, min | | | | | |
| | (Table A.3) | | | | | | |
| | ≤ 16 | 355 | | | | | |
| | $> 16 \leq 25$ | 345 | | | | | |
| Tensile strength | Wall thickness, mm | R_m , MPA | | | | | |
| | (Table A.3) | | | | | | |
| | ≤ 3 | 510-680 | | | | | |
| | $> 3 \leq 25$ | 470-630 | | | | | |
| Percent elongation | Wall thickness, mm | A, %, min | | | | | |
| | (Table A.3) | | | | | | |
| | ≤ 25 | 22 | | | | | |
| Impact strength | Test temperature, °C | KV^e , J, min | | | | | |
| | (Table A.3) | | | | | | |
| | -20 | 27 | | | | | |
| Carbon equivalent | Wall thickness, mm | C_{equiv} , %, max | | | | | |
| | (Table A.2) | | | | | | |
| | ≤ 16 | 0,45 | | | | | |
| | $> 16 \leq 25$ | 0,47 | | | | | |
| Chemical composition | Max mass fractions, % (Table A.1) | | | | | | |
| | C | Si | Mn | P | S | N | |
| | 0,22 | 0,55 | 1,60 | 0,030 | 0,030 | - | |

8. Appropriate technical documents and/or specific technical documents

Not applicable

The performance of the product identified in point 1 is in conformity with the performance characteristics declared in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Signed for and on behalf of the manufacturer by

Deputy General Director for Technology and Quality Management
Name and function

Zhlobin

Place and date of issue



E.A. Peretyagina
E.A. Peretyagina

Signature, stamp