



Министерство промышленности Республики Беларусь  
 Производственное объединение  
 “Белорусский металлургический завод”  
 Открытое акционерное общество  
 “Белорусский металлургический завод”  
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Р.с. 3012003880014 в филиале 312 ОАО СБ “Беларусбанк” г. Жлобина,  
 МФО 151501673, УНП 400074854

Ministry of Industry of the Republic of Belarus  
 Production association  
 “Byelorussian Steel Works”  
 Open Joint-Stock Company  
 “Byelorussian Steel Works”  
 37 Promyshlennaya St, 247210, Zhlobin, Gomel region.  
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Acc. No. 301200380014 with JSCB “BELARUSBANK”, branch 312, Zhlobin,  
 MFO 151501673, TRN 400074854

25.04.2016 № 4/344a

На № \_\_\_\_\_ от \_\_\_\_\_

**Declaration of performance**  
 (European construction regulations №305/2011, Annex III)

**№ 1.0114 / S235J0-CPR-1011**

- |  |  |
|--|--|
| 1. Unique identification code of product type  | S235J0 - EN 10025-2:2005-04  |
| 2. Product name  | Hot-rolled bars of construction steel for metalware  |
| 3. Manufacturer  | Open Joint Stock Company<br>«Byelorussian steel works — management company of «Byelorussian metallurgical company» holding»<br>37, Promyshlennaya str., 247210, Zhlobin, Republic of Belarus<br>Tel/fax +375 2334 54129<br>e-mail: <a href="mailto:qualdir@bmz.gomel.by">qualdir@bmz.gomel.by</a> <a href="http://www.belsteel.com">www.belsteel.com</a> |
| 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 10025-2:2005-04   |
| - 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 characteristics		Harmonized technical specifications					
Diameter	from 5,5 to 160mm		EN 10060:2003 (table 1)					
Yield strength	Diameter, mm	$R_{eH}$ , MPa, min	EN 10025-2:2005-04 (table 7)					
	5,5 - 16	235						
	17 - 40	225						
	41 - 100	215						
	105 - 150	195						
	160	185						
Tensile strength	Diameter, mm	$R_m$ , MPa						
	5,5 - 100	360-510						
	105 - 150	350-500						
	160	340-490						
Specific elongation	Diameter, mm	$L_{01}$ , %, min						
	5,5 - 40	21						
	41 - 63	20						
	64 - 150	19						
	160	18						
Impact strength	Diameter, mm	$KV^c$ , J, at 0 °C, min	EN 10025-2:2005-04 (table 9)					
	5,5 - 160	27						
Carbon equivalent	Diameter, mm	C equiv., %, max	EN 10025-2:2005-04 (table 6)					
	5,5 - 40	0,35						
	41 - 150	0,38						
	160	0,40						
Chemical composition	Max. mass fraction, %							EN 10025-2:2005-04 (table 2)
	C	Si	Mn	P	S*	N	Cu	
	0,17	-	1,40	0,030	0,030	0,012	0,55	
	Note: * It is allowed to exceed max fraction of sulfur up to 0,045%, according to subparagraph e) of table 2							

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

Name and function

signature

E.A. Peretyagina

Zhlobin

Place and date of issue