



# BULGARKONTROLA

**BULGARKONTROLA SA -Sofia**

Conformity Assessment Body for Construction Products

With identification number 14 and Permit № ПООСП-14 on 15.09.2016

Issued by Ministry of Regional Development and Public Works

## CERTIFICATE OF CONFORMITY

**14 – НУРВЕРЕРЕР – 3778**

Issued pursuant to Art. 14, par.1 and par.2 of the Regulation № ПД-02-20-1 on 05.02.2015 on the terms and conditions for use of construction products in the construction of the Republic of Bulgaria on Ministry of Regional Development and Public Works for the **construction product**

### **HOT ROLLING WELDABLE REINFORCING STEEL**

#### **Class B 500 C of bars**

Used for the reinforcement of concrete with nominal diameter and evaluated characteristics in accordance with national requirements as per Supplement № 1 to this Certificate.

placed on the market by

**TOSYALI IRON STEEL INDUSTRY ALGERIE SPA**

**Pôle Economique Plateau Gourirate, Commune Béthioua wilaya d'Oran  
ALGERIA**

manufactured by

**TOSYALI IRON STEEL INDUSTRY ALGERIE SPA**

**Pôle Economique Plateau Gourirate, Commune Béthioua wilaya d'Oran  
ALGERIA**

This certificate certifies that the product has been evaluated and meets national requirements set out in

**BDS 9252: 2007**

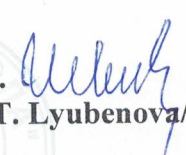
*and item 1.1. of Annex 3, item 1.1. to item 2 of Order № RD-02-14-1329 from 03.12.2015,  
the Minister of Regional Development and Public Works,  
Amendment and addition by Order № RD-02-14-590 from 05.07.2017*

The Certificate was issued on **07/02/2023**, cancel the Certificate № **14-НУРВЕРЕРЕР-3289** from **24/02/2020** and remains valid for three yare, until **06/02/2026**, provided that the manufacturer ensures consistency of product characteristics and the conditions of production or production control have not been changed significantly.

Place: Sofia

Date: 07/02/2023

Director of "Conformity Assessment" Dept.

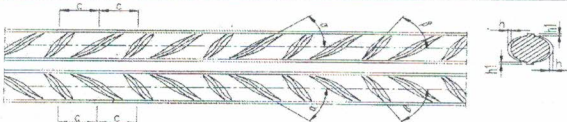
  
/T. Lyubenova/



**1. Nominal diameter:**

- Bars with nominal diameter №: 8/8,5/9/9,5/10/11/12/14/16/18/20/22/25/28/32

**2. Evaluated characteristics in accordance with national requirements**

Characteristics	Requirement to declare / border level
Yield strength, $R_e$	min 500 MPa According to tabl. № 4 of BDS 9252:2007
Tensile strength, $R_m$	min 550 MPa According to tabl. № 4 of BDS 9252:2007
$R_m / R_e$	min 1,08 According to tabl. № 4 of BDS 9252:2007
Elongation $A_{gt}$ , %	min 5 % According to tabl. № 4 of BDS 9252:2007
Bending at $180^\circ$	without cracks According to tabl. № 4 of BDS 9252:2007
Bending/rebending, at $90^\circ$	without cracks According to tabl. № 4 of BDS 9252:2007
Linear mass, kg / m	$0,395 \pm 4,5\% \div 9,856 \pm 6\%$ According tabl. № 1 of BDS 9252:2007
Cross-sectional area $A_n$ , mm	$50,3 \pm 4,5\% \div 1256,6 \pm 6\%$ According to tabl. № 1 of BDS 9252:2007
Relative area of the ribs, $f_r$	$< d \leq 12$ mm: $f_r$ min.0,040 $d > 12$ mm: $f_r$ min.0,056 According to tabl. № 2 of BDS 9252:2007
Profile	 According fig. № 2 of BDS 9252:2007
Fatigue strength, n number of cycles N	$> 2 \cdot 10^6$ According to tabl. № 4 of BDS 9252:2007
Chemical composition Weldability (carbon equivalent), $C_{eq}$ , %	max. 0,50 -for the heated max. 0,52 – for the product According to tabl. № 3 of BDS 9252:2007

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