



BULGARKONTROLA S.A.

**CARGO & DAMAGE SURVEYS, LABORATORY ANALYSES,
CONFORMITY ASSESSMENT & TECHNICAL INSPECTIONS,
MANAGEMENT SYSTEMS, ORGANIC CERTIFICATION**

Head office: 23, Sitnyakovo Blvd., 1505 Sofia, Bulgaria
Emergency mobile: +359 889 400 400, Tel.: +359 2 989 4070, Fax: +359 2 988 2354
E-mail: sales@bulgarkontrola.bg, cert@bulgarkontrola.bg



CERTIFICATE OF CONFORMITY

14 – НУРВСПСРБ – 3289

Issued pursuant to Art. 14, par.1 of the Regulation № РД-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 for the first time on 10/12/2019 and remains valid for three years to 09/12/2022, the 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: 10/12/2019

Director of "Conformity Assessment" Dep.

/T. Lyubenova

BULGARKONTROLA S.A.– Sofia with identification number 14 of register Ministry of Regional Development and Public Works Permit № ПООСН-14 on 15.09.2016, issued by Ministry of Regional Development and Public Works

FC/CPNR -7-3.9/02

стр. 1/2

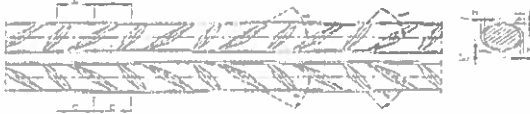


Annex № 1
to Certificate of Conformity № 14-НУРВСПСРБ-3289

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 tabl. № 4 of BDS 9252:2007
Tensile strength, R_m	min 550 MPa According tabl. № 4 of BDS 9252:2007
R_m / R_e	min 1,08 According tabl. № 4 of BDS 9252:2007
Elongation Agt, %	min 5 % According tabl. № 4 of BDS 9252:2007
Bending at 180°	without cracks According tabl. № 4 of BDS 9252:2007
Bending/rebending, at 90°	without cracks According 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 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 tabl. № 2 of BDS 9252:2007
Profile	 According fig. № 2 of BDS 9252:2007
Fatigue strange, n number of cycles N	$> 2.10^6$ According 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 tabl. № 3 of BDS 9252:2007

Place: Sofia
Date: 10/12/2019

Director of "Conformity Assessment" Dept.

T. Lyubenova

