

**DECLARATION OF PERFORMANCE**  
**According to Annex III of EU regulation Nr.305/2011**  
**N<sup>o</sup> SI 2013/L1E**

**1. Product type:**

Equal Angles - bars	EN 10056	Steel grade EN 10025	S235JR, S235J0, S235J2
Flats - bars	EN 10058	Steel grade EN 10025	S235JR, S235J0, S235J2
Squares - bars	EN 10059	Steel grade EN 10025	S235JR, S235J0, S235J2
Rounds - bars	EN 10060	Steel grade EN 10025	S235JR, S235J0, S235J2
UPN - bars	EN 10279	Steel grade EN 10025	S235JR, S235J0, S235J2

**2. Product identification:**

Heat number and produced size: see label at each bundle.

**3. Intended use:**

Building constructions or civil engineering

**4. Name, registered, trade name or registered trade mark and contact address of the manufacturer:**

Steel plant "STOMANA INDUSTRY" S.A.

Address: 1, Vladaisko vastanie str., 2304 Pernik, Bulgaria

VAT: BG 113509219

**5. Contact address:**

See 4.

**6. System of assessment and verification of performance of construction as set out in Annex V:**

System 2+

**7. Notified body (hEN), performed tasks and number of certificate:**

TÜV Rheinland Industry Service GmbH, Cologne

Notified body No. 0035

**Performed tasks under system 2+:**

- (i) Initial inspection of the manufacturing plant and of factory production control;
- (ii) Continuous surveillance, assessment and evaluation of factory production control;

Issued certificate of conformity of the factory production control: 0035-CPD-A191

**8. Notified body (ETA):**

Not relevant

**9. Declared performance according to Annex ZA of EN 10025-1:2004**

Essential characteristics	Performance	Harmonized technical specification	
Dimensions and tolerances	pass pass pass pass pass	Equal Angle Flat Square Round UPN	EN 10056:1998 EN 10058:2003 EN 10059:2003 EN 10060:2003 EN 10279:2000
Elongation	$x_i \geq 26\%$ ( $3 \leq d \leq 40$ mm) $x_i \geq 25\%$ ( $40 < d \leq 63$ mm) $x_i \geq 24\%$ ( $63 < d \leq 100$ mm) $x_i \geq 22\%$ ( $100 < d \leq 150$ mm)	EN 10025-2:2004	
Tensile strength	$360 \leq x_i \leq 510$ MPa ( $3 \leq d \leq 100$ mm) $350 \leq x_i \leq 500$ MPa ( $100 < d \leq 150$ mm)	EN 10025-2:2004	
Yield strength	$x_i \geq 235$ MPa ( $d \leq 16$ mm) $x_i \geq 225$ MPa ( $16 < d \leq 40$ mm) $x_i \geq 215$ MPa ( $40 < d \leq 100$ mm) $x_i \geq 195$ MPa ( $100 < d \leq 150$ mm) (d: Nominal thickness)	EN 10025-2:2004	
Notch impact strength	$x_i \geq 27$ J (if specified)	EN 10025-2:2004	
Weldability and durability (Ladle analysis)	$C \leq 0,17\%$ ; $C \leq 0,20\%$ (S235JR, $d > 40$ mm) $Mn \leq 1,40\%$ $S; P \leq 0,035\%$ (S235JR) $S; P \leq 0,030\%$ (S235J0) $S; P \leq 0,025\%$ (S235J2) $N \leq 0,012\%$ (S235JR; S235J0) $Cu \leq 0,55\%$ Ce <sub>q</sub> .- max 0,35 % ; ( $d \leq 40$ mm) Ce <sub>q</sub> .- max 0,38 % ; ( $40 < d \leq 150$ mm)	EN 10025-2:2004	

**10. Declaration:**

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Dipl.eng.Ch.Dimitrov  
"Quality and Technology Manager"




01.07.2013, Pernik

**DECLARATION OF PERFORMANCE**  
**According to Annex III of EU regulation Nr.305/2011**  
**Nº SI 2013/L2E**

**1. Product type:**

Equal Angles - bars	EN 10056	Steel grade EN 10025	S275JR, S275J0, S275J2
Flats - bars	EN 10058	Steel grade EN 10025	S275JR, S275J0, S275J2
Squares - bars	EN 10059	Steel grade EN 10025	S275JR, S275J0, S275J2
Rounds - bars	EN 10060	Steel grade EN 10025	S275JR, S275J0, S275J2
UPN - bars	EN 10279	Steel grade EN 10025	S275JR, S275J0, S275J2

**2. Product identification:**

Heat number and produced size: see label at each bundle.

**3. Intended use:**

Building constructions or civil engineering

**4. Name, registered, trade name or registered trade mark and contact address of the manufacturer:**

Steel plant "STOMANA INDUSTRY" S.A.

Address: 1, Vladaisko vastanie str., 2304 Pernik, Bulgaria

VAT: BG 113509219

**5. Contact address:**

See 4.

**6. System of assessment and verification of performance of construction as set out in Annex V:**

System 2+

**7. Notified body (hEN), performed tasks and number of certificate:**

TÜV Rheinland Industry Service GmbH, Cologne

Notified body No. 0035

**Performed tasks under system 2+:**

- (i) Initial inspection of the manufacturing plant and of factory production control;
- (ii) Continuous surveillance, assessment and evaluation of factory production control;

Issued certificate of conformity of the factory production control: 0035-CPD-A191

**8. Notified body (ETA):**

Not relevant

1, Vlasaisko vastanie srt., 2304 Pernik, Bulgaria, Tel:++35976 681014, Fax:++359 76 681 952

### 9. Declared performance according to Annex ZA of EN 10025-1:2004

Essential characteristics	Performance	Harmonized technical specification	
Dimensions and tolerances	pass	Equal Angle	EN 10056:1998
	pass	Flat	EN 10058:2003
	pass	Square	EN 10059:2003
	pass	Round	EN 10060:2003
	pass	UPN	EN 10279:2000
Elongation	$x_i \geq 23\%$ ( $3 \leq d \leq 40$ mm) $x_i \geq 22\%$ ( $40 < d \leq 63$ mm) $x_i \geq 21\%$ ( $63 < d \leq 100$ mm) $x_i \geq 19\%$ ( $100 < d \leq 150$ mm)	EN 10025-2:2004	
Tensile strength	$410 \leq x_i \leq 560$ MPa ( $3 \leq d \leq 100$ mm) $400 \leq x_i \leq 540$ MPa ( $100 < d \leq 150$ mm)	EN 10025-2:2004	
Yield strength	$x_i \geq 275$ MPa ( $d \leq 16$ mm) $x_i \geq 265$ MPa ( $16 < d \leq 40$ mm) $x_i \geq 255$ MPa ( $40 < d \leq 63$ mm) $x_i \geq 245$ MPa ( $63 < d \leq 80$ mm) $x_i \geq 235$ MPa ( $80 < d \leq 100$ mm) $x_i \geq 225$ MPa ( $100 < d \leq 150$ mm) (d: Nominal thickness)	EN 10025-2:2004	
Notch impact strength	$x_i \geq 27$ J (if specified)	EN 10025-2:2004	
Weldability and durability  (Ladle analysis)	$C \leq 0,18\%$ (S275J0; S275J2); $C \leq 0,21\%$ (S275JR, $d \leq 40$ mm) $C \leq 0,22\%$ (S275JR, $d > 40$ mm) $Mn \leq 1,50\%$ $S; P \leq 0,035\%$ (S275JR) $S; P \leq 0,030\%$ (S275J0) $S; P \leq 0,025\%$ (S275J2) $N \leq 0,012\%$ (S275JR; S275J0) $Cu \leq 0,55\%$ $Ceq.- \max 0,40\%$ ; ( $d \leq 40$ mm) $Ceq.- \max 0,42\%$ ; ( $40 < d \leq 150$ mm)	EN 10025-2:2004	

### 10. Declaration:

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

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Signed for and on behalf of the manufacturer by:

Dipl.eng.Ch.Dimitrov  
 "Quality and Technology Manager"

01.07.2013, Pernik



**DECLARATION OF PERFORMANCE**  
**According to Annex III of EU regulation Nr.305/2011**  
**Nº SI 2013/L3E**

**1. Product type:**

Equal Angles - bars	EN 10056	Steel grade EN 10025	S355JR, S355J0, S355J2, S355K2
Flats - bars	EN 10058	Steel grade EN 10025	S355JR, S355J0, S355J2, S355K2
Squares - bars	EN 10059	Steel grade EN 10025	S355JR, S355J0, S355J2, S355K2
Rounds - bars	EN 10060	Steel grade EN 10025	S355JR, S355J0, S355J2, S355K2
UPN - bars	EN 10279	Steel grade EN 10025	S355JR, S355J0, S355J2, S355K2

**2. Product identification:**

Heat number and produced size: see label at each bundle.

**3. Intended use:**

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See 4.

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System 2+

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Notified body No. 0035

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- (ii) Continuous surveillance, assessment and evaluation of factory production control;

Issued certificate of conformity of the factory production control: 0035-CPD-A191

**8. Notified body (ETA):**

Not relevant

**9. Declared performance according to Annex ZA of EN 10025-1:2004**

Essential characteristics	Performance	Harmonized technical specification	
Dimensions and tolerances	pass	Equal Angle	EN 10056:1998
	pass	Flat	EN 10058:2003
	pass	Square	EN 10059:2003
	pass	Round	EN 10060:2003
	pass	UPN	EN 10279:2000
Elongation	$x_i \geq 22\%$ ( $3 \leq d \leq 40$ mm) $x_i \geq 21\%$ ( $40 < d \leq 63$ mm) $x_i \geq 20\%$ ( $63 < d \leq 100$ mm) $x_i \geq 18\%$ ( $100 < d \leq 150$ mm)	EN 10025-2:2004	
Tensile strength	$470 \leq x_i \leq 630$ MPa ( $3 \leq d \leq 100$ mm) $450 \leq x_i \leq 600$ MPa ( $100 < d \leq 150$ mm)	EN 10025-2:2004	
Yield strength	$x_i \geq 355$ MPa ( $d \leq 16$ mm) $x_i \geq 345$ MPa ( $16 < d \leq 40$ mm) $x_i \geq 335$ MPa ( $40 < d \leq 63$ mm) $x_i \geq 325$ MPa ( $63 < d \leq 80$ mm) $x_i \geq 315$ MPa ( $80 < d \leq 100$ mm) $x_i \geq 295$ MPa ( $100 < d \leq 150$ mm) (d: Nominal thickness)	EN 10025-2:2004	
Notch impact strength	$x_i \geq 27$ J $x_i \geq 40$ J (S355K2) (if specified)	EN 10025-2:2004	
Weldability and durability	$C \leq 0,24\%$ (S355JR) $C \leq 0,20\%$ (S355J0; S355J2; S355K2, $d \leq 40$ mm) $C \leq 0,22\%$ (S355J0; S355J2; S355K2, $d > 40$ mm); $Mn \leq 1,60\%$ ; $Si \leq 0,55\%$ ; $S, P \leq 0,035\%$ (S355JR); $S, P \leq 0,030\%$ (S355J0); $S, P \leq 0,025\%$ (S355J2; S355K2); $N \leq 0,012\%$ (S355JR; S355J0) $Cu \leq 0,55\%$ $Ceq. - \max 0,45\%$ ; ( $d \leq 30$ mm) $Ceq. - \max 0,47\%$ ; ( $30 < d \leq 150$ mm)	EN 10025-2:2004	

**10. Declaration:**

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