

Registered & Administrative Office : 504, Sukh Sagar, N. S. Patkar Marg
Mumbai 400 007, India • Tel.: +91-22-66290600 • Fax: +91-22-6629 0633 / 34
E-mail : csi@chandansteel.net • CIN : U99999MH1989PLC054206



Works : Plot # 31, 32, 33B, 35 & 36 GIDC, Umbergaon, Dist. Valsad, Gujarat 396 171, India
Tel.: +91-260-308 9999 • Fax : +91-260-256-0103 / +91-260-108-9872
Email: exports@chandansteel.net • Website: [Http://www.chandansteel.net](http://www.chandansteel.net)

Declaration of Performance - No: 1.4307/Round Bar
according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

for the construction product	S.S. Round Bars
1. Unique identification code of the product type:	1.4307 as per EN 10088-5, SS Round Bars, condition: 1D, 2D
2. Intended use:	Building construction or civil engineering
3. Manufacturer:	<u>Registered Address:</u> Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. <u>Works address :</u> Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)
4. authorised representative:	None
5. System of AVCP:	System 2+
6. Harmonised standard:	EN 10088-5, annex ZA
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045

7. Declared performance:

Essential characteristics	Performance	Harmonised technical specification		
Tolerances on Dimension & Shape: Round Bars	EN 10060/EN 10278	EN 10088-5		
Mechanical Test:	Nominal Thickness			
	<table border="1"> <tr> <td>Ø ≥ 5 mm to ≤ 35 mm</td> <td>Ø > 35 mm to 130 mm</td> </tr> </table>	Ø ≥ 5 mm to ≤ 35 mm	Ø > 35 mm to 130 mm	
Ø ≥ 5 mm to ≤ 35 mm	Ø > 35 mm to 130 mm			
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	<table border="1"> <tr> <td>20 min. 175 min N/mm² 210 min N/mm² 500 – 900 N/mm²</td> <td> 45 min. 175 min N/mm² 210 min N/mm² 500 – 700 N/mm² </td> </tr> </table>	20 min. 175 min N/mm ² 210 min N/mm ² 500 – 900 N/mm ²	45 min. 175 min N/mm ² 210 min N/mm ² 500 – 700 N/mm ²	EN 10088-5
20 min. 175 min N/mm ² 210 min N/mm ² 500 – 900 N/mm ²	45 min. 175 min N/mm ² 210 min N/mm ² 500 – 700 N/mm ²			
HARDNESS	<table border="1"> <tr> <td>315 HB max.</td> <td>215 HB max.</td> </tr> </table>	315 HB max.	215 HB max.	EN 10088-5
315 HB max.	215 HB max.			
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5		
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Ni	<table border="1"> <tr> <td>0.030 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 17.5 to 19.5 8.0 to 10.5</td> </tr> </table>	0.030 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 17.5 to 19.5 8.0 to 10.5	EN 10088-5	
0.030 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 17.5 to 19.5 8.0 to 10.5				

The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015



Registered & Administrative Office : 504, Sukh Sagar, N. S. Patkar Marg
Mumbai 400 007, India • Tel.: +91-22-66290600 • Fax : +91-22-6629 0633 / 34
E-mail : csl@chandansteel.net • CIN : U99999MH11989PLC054206

Works : Plot # 31, 32, 33B, 35 & 36 GIDC, Umbergaon, Dist. Valsad, Gujarat 396 171, India
Tel.: +91-260-308 9999 • Fax : +91-260-256-0103 / +91-260-308-9872
Email: exports@chandansteel.net • Website: [Http://www.chandansteel.net](http://www.chandansteel.net)



Declaration of Performance - No: 1.4301/ Round Bar
according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

for the construction product	S.S. Round Bars
1. Unique identification code of the product type:	1.4301 as per EN 10088-5, SS Round Bars, condition: 1D, 2D
2. Intended use:	Building construction or civil engineering
3. Manufacturer:	<u>Registered Address:</u> Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. <u>Works address :</u> Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)
4. authorised representative:	None
5. System of AVCP:	System 2+
6. Harmonised standard:	EN 10088-5, annex ZA
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045

7. Declared performance:												
Essential characteristics	Performance	Harmonised technical specification										
Tolerances on Dimension & Shape: Round Bars	EN 10060/EN 10278	EN 10088-5										
Mechanical Test:	Nominal Thickness											
	<table border="1"> <tr> <th>Ø ≥ 5 mm to ≤ 35 mm</th> <th>Ø > 35 mm to 130 mm</th> </tr> <tr> <td>%EL & Cold formability</td> <td></td> </tr> <tr> <td>R_{pe1} (0.2%)</td> <td>20 min, 190 min N/mm²</td> </tr> <tr> <td>R_{pl0.1} (1%)</td> <td>225 min N/mm²</td> </tr> <tr> <td>R_m</td> <td>500 – 900 N/mm²</td> </tr> </table>	Ø ≥ 5 mm to ≤ 35 mm	Ø > 35 mm to 130 mm	%EL & Cold formability		R _{pe1} (0.2%)	20 min, 190 min N/mm ²	R _{pl0.1} (1%)	225 min N/mm ²	R _m	500 – 900 N/mm ²	EN 10088-5
Ø ≥ 5 mm to ≤ 35 mm	Ø > 35 mm to 130 mm											
%EL & Cold formability												
R _{pe1} (0.2%)	20 min, 190 min N/mm ²											
R _{pl0.1} (1%)	225 min N/mm ²											
R _m	500 – 900 N/mm ²											
HARDNESS	315 HB max. 215 HB max.	EN 10088-5										
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5										
Weldability & Durability:		EN 10088-5										
%C	0.070 max											
%Si	1.00 max.											
%Mn	2.00 max											
%P	0.045 max											
%S	0.030 max.											
%N	0.10 max											
%Cr	17.5 to 19.5											
%Ni	8.0 to 10.5											

The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015



The Declarations of Performance for download: www.chandansteel.net/DOP/1.4301/Round Bar

Declaration of Performance - No: 1.4401/ Round Bar
according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

for the construction product	S.S. Round Bars	
1. Unique identification code of the product type:	1.4401 as per EN 10088-5, SS Round Bars, condition: 1D, 2D	
2. Intended use:	Building construction or civil engineering	
3. Manufacturer:	Registered Address: Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. Works address : Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)	
4. authorised representative:	None	
5. System of AVCP:	System 2+	
6. Harmonised standard:	EN 10088-5, annex ZA	
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045	
7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Round Bars	EN 10060/EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	∅ ≥ 5 mm to ≤ 35 mm	∅ > 35 mm to 130 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 N/mm ²	40 min. 200 min N/mm ² 235 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Mo %Ni	0.070 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 16.5 to 18.5 2.00 to 2.50 10.0 to 13.0	EN 10088-5

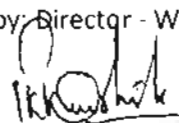
The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works .

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015




Registered & Administrative Office : 504, Sukh Sagar, N. S. Patkar Marg
Mumbai 400 007, India • Tel.: +91-22-66290600 • Fax: +91-22-6629 0633 / 34
E-mail : csl@chandansteel.net • CIN : U99999MH1989PLC054206



Works : Plot # 31, 32, 33B, 35 & 36 GIDC, Umbergaon, Dist. Valsad, Gujarat 396 171, India
Tel.: +91-260-308 9999 • Fax : +91-260-256-0103 / +91-260-308-9872
Email: exports@chandansteel.net • Website: [Http://www.chandansteel.net](http://www.chandansteel.net)

Declaration of Performance - No: 1.4404/ Round Bar
according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

for the construction product		S.S. Round Bars	
1. Unique identification code of the product type:	1.4404 as per EN 10088-5, SS Round Bars, condition: 1D, 2D		
2. Intended use:	Building construction or civil engineering		
3. Manufacturer:	Registered Address: Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. Works address : Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)		
4. authorised representative:	None		
5. System of AVCP:	System 2+		
6. Harmonised standard:	EN 10088-5, annex ZA		
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg, Kenn.Nr. 0045		
7. Declared performance:			
Essential characteristics	Performance	Harmonised technical specification	
Tolerances on Dimension & Shape: Round Bars	EN 10060/EN 10278	EN 10088-5	
Mechanical Test:	Nominal Thickness	EN 10088-5	
	∅ ≥ 5 mm to ≤ 35 mm		∅ > 35 mm to 130 mm
%EL & Cold formability R _{po2} (0.2%) R _{p1.0} (1%) R _m	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 N/mm ²		40 min. 200 min N/mm ² 235 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.		215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5	
Weldability & Durability:		EN 10088-5	
%C %Si %Mn %P %S %N %Cr %Mo %Ni	0.030 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 16.5 to 18.5 2.00 to 2.50 10.0 to 13.0		

The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015



Declaration of Performance - No: 1.4307/FL		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Flat Bars	
1. Unique identification code of the product type:	1.4307 as per EN 10088-5, SS Flat Bars, condition: 1D	
2. Intended use:	Building construction or civil engineering	
3. Manufacturer:	Registered Address: Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. Works address : Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)	
4. authorised representative:	None	
5. System of AVCP:	System 2+	
6. Harmonised standard:	EN 10088-5, annex ZA	
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045	
7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Flat Bars	EN 10058	
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 50 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 175 min N/mm ² 210 min N/mm ² 500 – 900 N/mm ²	45 min. 175 min N/mm ² 210 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Ni	0.030 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 17.5 to 19.5 8.0 to 10.5	

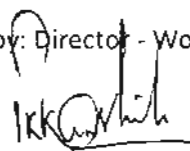
The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015




Declaration of Performance - No: 1.4301/FL		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Flat Bars	
1. Unique identification code of the product type:	1.4301 as per EN 10088-5, SS Flat Bars, condition: 1D	
2. Intended use:	Building construction or civil engineering	
3. Manufacturer:	Registered Address: Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. Works address : Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)	
4. authorised representative:	None	
5. System of AVCP:	System 2+	
6. Harmonised standard:	EN 10088-5, annex ZA	
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045	
7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Flat Bars	EN 10058	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 50 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 190 min N/mm ² 225 min N/mm ² 500 – 900 N/mm ²	45 min. 190 min N/mm ² 225 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Ni	0.070 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 17.5 to 19.5 8.0 to 10.5	EN 10088-5
<p>The performance of the product identified above is in conformity with the set of declared performance.</p> <p>This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.</p> <p>Signed for and on behalf of the manufacturer by: Director - Works (Name and Function): Mr. P. K. Kaushik (Place, Date, Signature): Umbergaon, 06.08.2015</p>		



Declaration of Performance - No: 1.4401/FL		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Flat Bars	
1. Unique identification code of the product type:	1.4401 as per EN 10088-5, SS Flat Bars, condition: 1D	
2. Intended use:	Building construction or civil engineering	
3. Manufacturer:	Registered Address: Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. Works address : Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)	
4. authorised representative:	None	
5. System of AVCP:	System 2+	
6. Harmonised standard:	EN 10088-5, annex ZA	
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045	
7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Flat Bars	EN 10058	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 50 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 N/mm ²	40 min. 200 min N/mm ² 235 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Mo %Ni	0.070 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 16.5 to 18.5 2.00 to 2.50 10.0 to 13.0	EN 10088-5

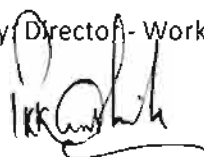
The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015




Declaration of Performance - No: 1.4404/FL		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Flat Bars	
1. Unique identification code of the product type:	1.4404 as per EN 10088-5, SS Flat Bars, condition: 1D	
2. Intended use:	Building construction or civil engineering	
3. Manufacturer:	Registered Address: Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. Works address : Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)	
4. authorised representative:	None	
5. System of AVCP:	System 2+	
6. Harmonised standard:	EN 10088-5, annex ZA	
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045	
7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Flat Bars	EN 10058	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 50 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 N/mm ²	40 min. 200 min N/mm ² 235 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Mo %Ni	0.030 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 16.5 to 18.5 2.00 to 2.50 10.0 to 13.0	EN 10088-5

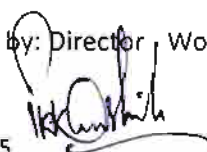
The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director, Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015




Declaration of Performance - No: 1.4571/FL		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Flat Bars	
1. Unique identification code of the product type:	1.4571 as per EN 10088-5, SS Flat Bars, condition: 1D	
2. Intended use:	Building construction or civil engineering	
3. Manufacturer:	Registered Address: Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. Works address : Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)	
4. authorised representative:	None	
5. System of AVCP:	System 2+	
6. Harmonised standard:	EN 10088-5, annex ZA	
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045	
7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Flat Bars	EN 10058	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 50 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 N/mm ²	40 min. 200 min N/mm ² 235 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5
Weldability & Durability: %C %Si %Mn %P %S %Cr %Mo %Ni %Ti	0.080 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 16.5 to 18.5 2.00 to 2.50 10.5 to 13.5 5xC to 0.70	EN 10088-5

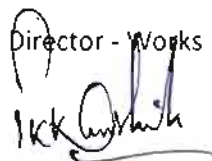
The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015




Registered & Administrative Office : 504, Sukh Sagar, N. S. Patkar Marg
Mumbai 400 007, India • Tel.: +91-22-66290600 • Fax: +91-22-6629 0633 / 34
E-mail : csl@chandansteel.net • CIN : U99999MH1989PLC054206

Works : Plot # 31, 32, 33B, 35 & 36 GIDC, Umbergaon, Dist. Valsad, Gujarat 396 171, India
Tel.: +91-260-308 9999 • Fax : +91-260-256-0103 / +91-260-308-9872
Email: exports@chandansteel.net • Website: [Http://www.chandansteel.net](http://www.chandansteel.net)



Declaration of Performance - No: 1.4307/EA according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014	
for the construction product	S.S. Hot-rolled Equal Leg Angles
1. Unique identification code of the product type:	1.4307 as per EN 10088-5, SS Equal Leg Angles, condition: 1D
2. Intended use:	Building construction or civil engineering
3. Manufacturer:	<u>Registered Address:</u> Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. <u>Works address :</u> Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)
4. authorised representative:	None
5. System of AVCP:	System 2+
6. Harmonised standard:	EN 10088-5, annex ZA
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045
7. Declared performance:	

Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Equal Leg Angles	EN 10056-2	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 12.7 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 175 min N/mm ² 210 min N/mm ² 500 – 900 N/mm ²	45 min. 175 min N/mm ² 210 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Ni	0.030 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 17.5 to 19.5 8.0 to 10.5	

The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015



The Declarations of Performance for download: www.chandansteel.net/DOP/1.4307/EA

Registered & Administrative Office : 504, Sukh Sagar, N. S. Patkar Marg
Mumbai 400 007, India • Tel.: +91-22-66290600 • Fax : +91-22-6629 0633 / 34
E-mail : csl@chandansteel.net • CIN : U99999MH1989PLC054206

Works : Plot # 31, 32, 33B, 35 & 36 GIDC, Umbergaon, Dist, Valsad, Gujarat 396 171, India
Tel.: +91-260-308 9999 • Fax : +91-260-256-0103 / +91-260-308-9872
Email: exports@chandansteel.net • Website: [Http://www.chandansteel.net](http://www.chandansteel.net)



Declaration of Performance - No: 1.4301/EA
according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

for the construction product	S.S. Hot-rolled Equal Leg Angles
1. Unique identification code of the product type:	1.4301 as per EN 10088-5, SS Equal Leg Angles, condition: 1D
2. Intended use:	Building construction or civil engineering
3. Manufacturer:	<u>Registered Address:</u> Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. <u>Works address :</u> Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)
4. authorised representative:	None
5. System of AVCP:	System 2+
6. Harmonised standard:	EN 10088-5, annex ZA
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045

7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Equal Leg Angles	EN 10056-2	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 12.7 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 190 min N/mm ² 225 min N/mm ² 500 – 900 N/mm ²	45 min. 190 min N/mm ² 225 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Ni	0.070 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 17.5 to 19.5 8.0 to 10.5	

The performance of the product identified above is in conformity with the set of declared performance.
This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: *Director A Works*
(Name and Function): Mr. P. K. Kaushik
(Place, Date, Signature): Umbergaon, 06.08.2015



Declaration of Performance - No: 1.4401/EA
according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

for the construction product		S.S. Hot-rolled Equal Leg Angles	
1. Unique identification code of the product type:	1.4401 as per EN 10088-5, SS Equal Leg Angles, condition: 1D		
2. Intended use:	Building construction or civil engineering		
3. Manufacturer:	<u>Registered Address:</u> Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. <u>Works address :</u> Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)		
4. authorised representative:	None		
5. System of AVCP:	System 2+		
6. Harmonised standard:	EN 10088-5, annex ZA		
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045		
7. Declared performance:			
Essential characteristics	Performance		Harmonised technical specification
Tolerances on Dimension & Shape: Equal Leg Angles	EN 10056-2		EN 10088-5
Mechanical Test:	Nominal Thickness		EN 10088-5
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 12.7 mm	
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 N/mm ²	40 min. 200 min N/mm ² 235 min N/mm ² 500 – 700 N/mm ²	
HARDNESS	315 HB max.	215 HB max.	EN 10088-5
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min		EN 10088-5
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Mo %Ni	0.070 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 16.5 to 18.5 2.00 to 2.50 10.0 to 13.0		EN 10088-5

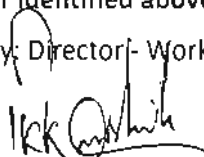
The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director- Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015




Registered & Administrative Office : 504, Sukh Sagar, N. S. Patkar Marg
Mumbai 400 007, India • Tel.: +91-22-66290600 • Fax : +91-22-6629 0633 / 34
E-mail : csl@chandansteel.net • CIN : U99999MH1989PLC054206

Works : Plot # 31, 32, 33B, 35 & 36 GIDC, Umbergaon, Dist. Valsad, Gujarat 396 171, India
Tel.: +91-260-308 9999 • Fax : +91-260-256-0103 / +91-260-308-9872
Email: exports@chandansteel.net • Website: [Http://www.chandansteel.net](http://www.chandansteel.net)



Declaration of Performance - No: 1.4404/EA

according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

for the construction product	S.S. Hot-rolled Equal Leg Angles
1. Unique identification code of the product type:	1.4404 as per EN 10088-5, SS Equal Leg Angles, condition: 1D
2. Intended use:	Building construction or civil engineering
3. Manufacturer:	<u>Registered Address:</u> Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. <u>Works address :</u> Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)
4. authorised representative:	None
5. System of AVCP:	System 2+
6. Harmonised standard:	EN 10088-5, annex ZA
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045

7. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Equal Leg Angles	EN 10056-2	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 12.7 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 N/mm ²	40 min. 200 min N/mm ² 235 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	
Weldability & Durability: %C %Si %Mn %P %S %N %Cr %Mo %Ni	0.030 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 0.10 max. 16.5 to 18.5 2.00 to 2.50 10.0 to 13.0	

The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015



Declaration of Performance - No: 1.4571/EA
according to Annex III Construction Products Regulation (305/2011/EU)
and Regulation (EU) No 574/2014

for the construction product	S.S. Hot-rolled Equal Leg Angles	
1. Unique identification code of the product type:	1.4571 as per EN 10088-5, SS Equal Leg Angles, condition: 1D	
2. Intended use:	Building construction or civil engineering	
3. Manufacturer:	<u>Registered Address:</u> Chandan Steel Ltd., 504, Sukh Sagar, N. S. Patkar Marg, Mumbai 400 007, India. <u>Works address :</u> Chandan Steel Ltd., Plot No. 35, 36, G.I.D.C. Umbergaon, Valsad, Gujarat – 396171 (India)	
4. authorised representative:	None	
5. System of AVCP:	System 2+	
6. Harmonised standard:	EN 10088-5, annex ZA	
Notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg , Kenn.Nr. 0045	
7. Declared performance:		
Essential characteristics	Performance	Harmonised technical specification
Tolerances on Dimension & Shape: Equal Leg Angles	EN 10056-2	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 12.7 mm
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 N/mm ²	40 min. 200 min N/mm ² 235 min N/mm ² 500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength At room temp. (direction Longitudinal)	100 J min	EN 10088-5
Weldability & Durability: %C %Si %Mn %P %S %Cr %Mo %Ni %Ti	0.080 max. 1.00 max. 2.00 max. 0.045 max. 0.030 max. 16.5 to 18.5 2.00 to 2.50 10.5 to 13.5 5xC to 0.70	EN 10088-5

The performance of the product identified above is in conformity with the set of declared performance.

This Declaration of Performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by: Director - Works

(Name and Function): Mr. P. K. Kaushik

(Place, Date, Signature): Umbergaon, 06.08.2015

