

Registered & Administrative Office : 504, Sukh Sagar, N. S. Patkar Marg
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E-mail : csl@chandansteel.net • CIN : U99999MH1989PLC054206

Works : Plot # 31, 32, 33B, 35 & 36 GIDC, Umbergaon, Dist. Valsad, Gujarat 396 171, India
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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:	<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: 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. 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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		

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



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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:	<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:	EN 10058	EN 10088-5
Flat Bars		
Mechanical Test:	Nominal Thickness	
	≥ 3 mm to ≤ 8 mm	> 8 mm to ≤ 50 mm
%EL & Cold formability	20 min.	45 min.
R _{p0.2} (0.2%)	190 min N/mm ²	190 min N/mm ²
R _{p1.0} (1%)	225 min N/mm ²	225 min N/mm ²
R _m	500 – 900 N/mm ²	500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength	100 J min	
At room temp. (direction Longitudinal)		
Weldability & Durability:		
%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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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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	
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	
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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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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 Rp0.2 (0.2%) Rp1.0 (1%) Rm	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 V Gopichand

(Place, Date, Signature): Umbergaon, 01.12.2016

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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	EN 10088-5	
%EL & Cold formability	20 min.		40 min.
R _{p0.2} (0.2%)	200 min N/mm ²		200 min N/mm ²
R _{p1.0} (1%)	235 min N/mm ²		235 min N/mm ²
R _m	500 – 900 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:			EN 10088-5
%C	0.080 max.		
%Si	1.00 max.		
%Mn	2.00 max.		
%P	0.045 max.		
%S	0.030 max.		
%Cr	16.5 to 18.5		
%Mo	2.00 to 2.50		
%Ni	10.5 to 13.5		
%Ti	5xC to 0.70		
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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2018			
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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:	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: 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 _{e0.2} (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	EN 10088-5
Weldability & Durability:		EN 10088-5
%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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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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:	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: 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 _{0.2} (0.2%) R _{0.10} (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
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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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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:	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: 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 Rp0.2 (0.2%) Rp1.0 (1%) Rm	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. V. Goolchand (Place, Date, Signature): Umbergaon, 01.12.2016		

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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:	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: 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 %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. V. Gopichand

(Place, Date, Signature): Umbergaon, 01.12.2016

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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:	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: 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 Rp0.2 (0.2%) Rp1.0 (1%) Rm	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 %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	
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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4307/UEA according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014			
for the construction product	S.S. Hot-rolled Unequal Leg Angles		
1. Unique identification code of the product type:	1.4307 as per EN 10088-5, SS Unequal 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: Unequal Leg Angles	EN 10056-2	EN 10088-5	
Mechanical Test:	Nominal Thickness ≥ 5 mm to ≤ 8 mm > 8 mm to ≤ 12.7 mm	EN 10088-5	
%EL & Cold formability	20 min.		45 min.
R _{90.2} (0.2%)	175 min N/mm ²		175 min N/mm ²
R _{p1.0} (1%)	210 min N/mm ²		210 min N/mm ²
R _m	500 – 900 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:			EN 10088-5
%C	0.030 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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016			

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Declaration of Performance - No: 1.4301/UEA		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Unequal Leg Angles	
1. Unique identification code of the product type:	1.4301 as per EN 10088-5, SS Unequal Leg Angles, 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: Unequal Leg Angles	EN 10056-2	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 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	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
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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		
The Declarations of Performance for download: www.chandansteel.net/DOP/1.4301/UEA		



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Declaration of Performance - No: 1.4401/UEA according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Unequal Leg Angles	
1. Unique identification code of the product type:	1.4401 as per EN 10088-5, SS Unequal Leg Angles, 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: Unequal Leg Angles	EN 10056-2	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 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:		EN 10088-5
%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	
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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4404/UEA according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Unequal Leg Angles	
1. Unique identification code of the product type:	1.4404 as per EN 10088-5, SS Unequal Leg Angles, 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: Unequal Leg Angles	EN 10056-2	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 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 %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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4571/UEA		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Unequal Leg Angles	
1. Unique identification code of the product type:	1.4571 as per EN 10088-5, SS Unequal Leg Angles, 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: Unequal Leg Angles	EN 10056-2	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 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:		EN 10088-5
%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	
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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4307/T-SEC		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled T-Sections	
1. Unique identification code of the product type:	1.4307 as per EN 10088-5, SS T-Sections, 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: T-Sections	EN 10055	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 mm to ≤ 8 mm	> 8 mm to ≤ 10 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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

The Declarations of Performance for download: www.chandansteel.net/DOP/1.4307/T-SEC



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Declaration of Performance - No: 1.4301/T-SEC according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled T-Sections	
1. Unique identification code of the product type:	1.4301 as per EN 10088-5, SS T-Sections, 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: T-Sections	EN 10055	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 mm to ≤ 8 mm	> 8 mm to ≤ 10 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 - Works (Name and Function): Mr. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4307/CHANNEL according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Channels	
1. Unique identification code of the product type::	1.4307 as per EN 10088-5, SS Channels, 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: Channels	EN 10279	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 4 mm to ≤ 8 mm	> 8 mm to ≤ 10 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. V. Gopichand (Place, Date, Signature). Umbergaon, 01.12.2016		

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



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Declaration of Performance - No: 1.4301/CHANNEL according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Channels	
1. Unique identification code of the product type::	1.4301 as per EN 10088-5, SS Channels, 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: Channels	EN 10279	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 4 mm to ≤ 8 mm	> 8 mm to ≤ 10 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 - Works

(Name and Function): Mr. V. Gopichand

(Place, Date, Signature): Umbergaon, 01.12.2016



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

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Declaration of Performance - No: 1.4401/CHANNEL according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Channels	
1. Unique identification code of the product type::	1.4401 as per EN 10088-5, SS Channels, 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: Channels	EN 10279	EN 10088-5
Mechanical Test:	Nominal Thickness ≥ 4 mm to ≤ 8 mm > 8 mm to ≤ 10 mm	EN 10088-5
%EL & Cold formability Rp0.2 (0.2%) Rp1.0 (1%) Rm	20 min. 200 min N/mm ² 235 min N/mm ² 500 – 900 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:		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	16.5 to 18.5	
%Mo	2.00 to 2.50	
%Ni	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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		
The Declarations of Performance for download: www.chandansteel.net/DOP/1.4401/CHANNEL		



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Declaration of Performance - No: 1.4404/CHANNEL according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Hot-rolled Channels	
1. Unique identification code of the product type::	1.4404 as per EN 10088-5, SS Channels, 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:	EN 10279	EN 10088-5
Channels		
Mechanical Test:	Nominal Thickness	
	≥ 4 mm to ≤ 8 mm	> 8 mm to ≤ 10 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. V. Gopichand

(Place, Date, Signature): Umbergaon, 01.12.2016

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Declaration of Performance - No: 1.4462/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::	1.4462 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 Ø ≥ 20 mm to ≤ 110 mm	EN 10088-5
%EL & Cold formability Rp0.2 (0.2%) Rm	25 min. 450 min N/mm² 650 – 880 N/mm²	
HARDNESS	270 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 0.030 max. %Si 1.00 max. %Mn 2.00 max. %P 0.035 max. %S 0.015 max. %N 0.10 to 0.22 %Cr 21.0 to 23.0 %Mo 2.50 to 3.50 %Ni 4.5 to 6.5	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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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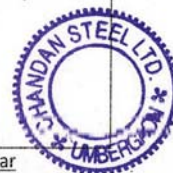
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Declaration of Performance - No: 1.4307/Round Bar		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Round Bars	
1. Unique identification code of the product type:	1.4307 as per EN 10088-5, SS Round Bars, condition: 1D, 2D	
2. Intended use:	Building construction or civil engineering	
3. Manufacturer:	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:	EN 10060/EN 10278	EN 10088-5
Round Bars		
Mechanical Test:	Nominal Thickness	
	Ø ≥ 5 mm to ≤ 35 mm	Ø > 35 mm to 130 mm
%EL & Cold formability	20 min.	45 min.
R _{p0.2} (0.2%)	175 min N/mm ²	175 min N/mm ²
R _{p1.0} (1%)	210 min N/mm ²	210 min N/mm ²
R _m	500 – 900 N/mm ²	500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength	100 J min	
At room temp. (direction Longitudinal)		
Weldability & Durability:		
%C	0.030 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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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



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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:	EN 10060/EN 10278	EN 10088-5										
Round Bars												
Mechanical Test:	Nominal Thickness											
	<table border="1"> <tr> <th>⌀ ≥ 5 mm to ≤ 35 mm</th> <th>⌀ > 35 mm to 130 mm</th> </tr> <tr> <td>20 min.</td> <td>45 min.</td> </tr> <tr> <td>190 min N/mm²</td> <td>190 min N/mm²</td> </tr> <tr> <td>225 min N/mm²</td> <td>225 min N/mm²</td> </tr> <tr> <td>500 – 900 N/mm²</td> <td>500 – 700 N/mm²</td> </tr> </table>	⌀ ≥ 5 mm to ≤ 35 mm	⌀ > 35 mm to 130 mm	20 min.	45 min.	190 min N/mm ²	190 min N/mm ²	225 min N/mm ²	225 min N/mm ²	500 – 900 N/mm ²	500 – 700 N/mm ²	EN 10088-5
⌀ ≥ 5 mm to ≤ 35 mm	⌀ > 35 mm to 130 mm											
20 min.	45 min.											
190 min N/mm ²	190 min N/mm ²											
225 min N/mm ²	225 min N/mm ²											
500 – 900 N/mm ²	500 – 700 N/mm ²											
%EL & Cold formability R _{pe2} (0.2%) R _{pe10} (1%) R _m												
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	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											
		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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016												

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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:	EN 10060/EN 10278	
Round Bars	EN 10088-5	
Mechanical Test:	Nominal Thickness	
	Ø ≥ 5 mm to ≤ 35 mm	Ø > 35 mm to 130 mm
%EL & Cold formability	20 min.	40 min.
R _{p0.2} (0.2%)	200 min N/mm ²	200 min N/mm ²
R _{p1.0} (1%)	235 min N/mm ²	235 min N/mm ²
R _m	500 – 900 N/mm ²	500 – 700 N/mm ²
HARDNESS	315 HB max.	215 HB max.
Impact Strength & Fracture toughness/brittle strength	100 J min	
At room temp. (direction Longitudinal)	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	16.5 to 18.5	
%Mo	2.00 to 2.50	
%Ni	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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		

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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 Ø ≥ 5 mm to ≤ 35 mm Ø > 35 mm to 130 mm	
%EL & Cold formability R _{eH2} (0.2%) R _{eH0.01} (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	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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

The Declarations of Performance for download: [www.chandansteel.net/DOP/1.4404/Round Bar](http://www.chandansteel.net/DOP/1.4404/Round%20Bar)



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Declaration of Performance - No: 1.4571/ 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:	1.4571 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:	EN 10060/EN 10278	EN 10088-5										
Round Bars												
Mechanical Test:	Nominal Thickness											
	<table border="1"> <tr> <th> $\varnothing \geq 5 \text{ mm to } \leq 35 \text{ mm}$ </th> <th> $\varnothing > 35 \text{ mm to } 130 \text{ mm}$ </th> </tr> <tr> <td>20 min.</td> <td>40 min.</td> </tr> <tr> <td>200 min N/mm²</td> <td>200 min N/mm²</td> </tr> <tr> <td>235 min N/mm²</td> <td>235 min N/mm²</td> </tr> <tr> <td>500 – 900 N/mm²</td> <td>500 – 700 N/mm²</td> </tr> </table>	$\varnothing \geq 5 \text{ mm to } \leq 35 \text{ mm}$	$\varnothing > 35 \text{ mm to } 130 \text{ mm}$	20 min.	40 min.	200 min N/mm ²	200 min N/mm ²	235 min N/mm ²	235 min N/mm ²	500 – 900 N/mm ²	500 – 700 N/mm ²	EN 10088-5
$\varnothing \geq 5 \text{ mm to } \leq 35 \text{ mm}$	$\varnothing > 35 \text{ mm to } 130 \text{ mm}$											
20 min.	40 min.											
200 min N/mm ²	200 min N/mm ²											
235 min N/mm ²	235 min N/mm ²											
500 – 900 N/mm ²	500 – 700 N/mm ²											
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m												
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	0.080 max.											
%Si	1.00 max.											
%Mn	2.00 max.											
%P	0.045 max.											
%S	0.030 max.											
%Cr	16.5 to 18.5											
%Mo	2.00 to 2.50											
%Ni	10.5 to 13.5											
%Ti	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. V. Guplchand												
(Place, Date, Signature): Umbergaon, 01.12.2016												

The Declarations of Performance for download: www.chandansteel.net/DOP/1.4571/Round Bar



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Declaration of Performance - No: 1.4307/SQB		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Square Bars	
1. Unique identification code of the product type:	1.4307 as per EN 10088-5, SS Square 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: Square Bars	EN 10059/EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 mm to ≤ 35 mm	> 35 mm to ≤ 53 mm
%EL & Cold formability R _{eL} (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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4301/SQB		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Square Bars	
1. Unique identification code of the product type:	1.4301 as per EN 10088-5, SS Square 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: Square Bars	EN 10059/EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 mm to ≤ 35 mm > 35 mm to ≤ 53 mm	
%EL & Cold formability R _{p0.2} (0.2%) R _{p1.0} (1%) R _m	20 min. 190 min N/mm² 225 min N/mm² 500 – 900 N/mm² 45 min. 190 min N/mm² 225 min N/mm² 500 – 700 N/mm²	EN 10088-5
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 %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
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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		



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Declaration of Performance - No: 1.4401/SQB		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Square Bars	
1. Unique identification code of the product type:	1.4401 as per EN 10088-5, SS Square 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: Square Bars	EN 10059/EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 mm to ≤ 35 mm	> 35 mm to ≤ 53 mm
%EL & Cold formability R _{eL} 0.2 (0.2%) R _{eL} 0.1 (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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4404/SQB		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Square Bars	
1. Unique identification code of the product type:	1.4404 as per EN 10088-5, SS Square 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: Square Bars	EN 10059/EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 mm to ≤ 35 mm	> 35 mm to ≤ 53 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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4571/SQB		
according to Annex III Construction Products Regulation (305/2011/EU) and Regulation (EU) No 574/2014		
for the construction product	S.S. Square Bars	
1. Unique identification code of the product type:	1.4571 as per EN 10088-5, SS Square 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: Square Bars	EN 10059/EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 5 mm to ≤ 35 mm	> 35 mm to ≤ 53 mm
%EL & Cold formability R _{m0.2} (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 %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	
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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

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Declaration of Performance - No: 1.4307/HXB		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Hexagonal Bars	
1. Unique identification code of the product type:	1.4307 as per EN 10088-5, SS Hexagonal 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: Hexagonal Bars	EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 6 mm to ≤ 35 mm	> 35 mm to ≤ 53 mm
%EL & Cold formability Rp0.2 (0.2%) Rp1.0 (1%) Rm	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	EN 10088-5
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	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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		

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



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Declaration of Performance - No: 1.4301/HXB		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Hexagonal Bars	
1. Unique identification code of the product type:	1.4301 as per EN 10088-5, SS Hexagonal 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: Hexagonal Bars	EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 6 mm to ≤ 35 mm	> 35 mm to ≤ 53 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 - Works		
(Name and Function): Mr. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01 12 2016		

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



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Declaration of Performance - No: 1.4401/HXB		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Hexagonal Bars	
1. Unique identification code of the product type:	1.4401 as per EN 10088-5, SS Hexagonal 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: Hexagonal Bars	EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 6 mm to ≤ 35 mm	> 35 mm to ≤ 53 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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		

The Declarations of Performance for download: www.chandansteel.net/DOP/1.4401/HXB



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Declaration of Performance - No: 1.4404/HXB		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Hexagonal Bars	
1. Unique identification code of the product type:	1.4404 as per EN 10088-5, SS Hexagonal 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: Hexagonal Bars	EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 6 mm to ≤ 35 mm	> 35 mm to ≤ 53 mm
%EL & Cold formability R _{pe2} (0.2%) R _{pe1.0} (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. V. Gopichand (Place, Date, Signature): Umbergaon, 01.12.2016		

The Declarations of Performance for download: www.chandansteel.net/DOP/1.4404/HXB



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Declaration of Performance - No: 1.4571/HXB		
according to Annex III Construction Products Regulation (305/2011/EU)		
and Regulation (EU) No 574/2014		
for the construction product	S.S. Hexagonal Bars	
1. Unique identification code of the product type:	1.4571 as per EN 10088-5, SS Hexagonal 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: Hexagonal Bars	EN 10278	EN 10088-5
Mechanical Test:	Nominal Thickness	
	≥ 6 mm to ≤ 35 mm	> 35 mm to ≤ 53 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:		EN 10088-5
%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	
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. V. Gopichand		
(Place, Date, Signature): Umbergaon, 01.12.2016		

The Declarations of Performance for download: www.chandansteel.net/DOP/1.4571/HXB

