



Chandan Steel Limited is India's fully integrated Stainless Steel Production House having accomplished numerous milestones and accredited with QMS ISO 9001:2015, PED 2014/68/EU, AD 2000-Merkblatt WO, BV Marine, ABS, DNV GL, Lloyd's Register, NORSOK by TUV Nord.

The manufacturing operation were initiated in the year 1985 at Umbergaon, Gujarat. Since then, the company has been serving the global market successfully by exporting to more than 85 countries worldwide. As an established manufacturer of Stainless Steel products such as Seamless Tubes and Pipes, Forged Flanges and Long Products like Round bars, Angles, Channels, Flat bars, Wire Rods and Wires, aided by state-of-the-art equipment, the brand name is famed across all business sectors globally. CSL continues making new forays in the global market and has commissioned a state-of-the-art Wire rod mill which enables Chandan Steel Limited to produce Wire rods ranging from 5.5 to 32mm.

Chandan Steel Limited have the advantage of having India's only in-house Stainless Steel making & refinement facilities besides complete infrastructure for converting round ingots to mother hollows followed by Pilgering & associated process to produce Stainless Steel Tubes along with other facilities producing SS Forged Flanges and SS Long Products. At present, the melting and refining capacity is enhanced to produce 120,000 MT/Annum. For years, CSL have maintained the tradition of concentrating on installation of the state-of-the-art equipment's, steadfast infrastructure and delivering quality material to the customers. Significant investment has been made in new capacity and infrastructure to serve the industry.

### Infrastructure & Capabilities

The plant spreads across an extensive area of 2,50,000 square meters. Umbergaon was made the manufacturing base due to its proximity to Mumbai. The plant is well equipped with top-notch facilities and continues to stay at par with the principles of Chandan Steel. Mentioned below are the prime capabilities of our Company.

- 25-ton Induction Furnace with 30-ton AOD vessel
- Ladle Refining facilities
- 6/11 Double Strand Concast & Ingot pouring facilities
- State-of-the-art EMS
- 4 Hot Rolling Mills
- Newly installed high-speed wire rod mill
- Schumag Drawing machines, Peeling machines, Centerless grinding machines
- 10 Open & Close Die Hammers & Ring Rolling machines
- More than 100 CNC machines
- Hot Piercing with high-speed Pilger machines
- Chemical, Mechanical and Physical testing laboratories

Austenitic, Super Austenitic, Martensitic, Ferritic, Duplex and Super Duplex grades  
(other Stainless Steel grades on request )

[www.chandansteel.net](http://www.chandansteel.net)

## Wire Rod Division

Chandan Steel Limited an integrated manufacturing set-up with in-house melting facility that ensures good quality steel making and prompt delivery. This wire rod division is well equipped with a fully automatic wire rod mill and Solution annealing and Pickling facility. The quality of Stainless Steel wire rods is well established in the International and Domestic market.

- Commissioned in 2020. We have commissioned India's First fully functional Wire Rod facility at a height of 5 Meter.
- Annual Production Capacity 1,50,000 MT
- Capable to produce Standard SS Grades Wire Rods & Special Electro grade Wire Rods to meet niche customer segment.
- Supply Condition: Hot Rolled (HR), Hot Rolled Pickled (HRP), Hot Rolled Annealed (HRA), Hot Rolled Annealed Pickled (HRAP)
- Size Range 5.5mm to 32mm, with coil weight upto 1500 Kg
- The Stainless Steel Wire Rods manufactured in one division serve as raw material for our Stainless Steel Wires and Stainless Steel Bright Bar Division.

Industry Applications :-

Ship building	Medical	Agriculture	Springs	Vineyard	Chemical
Petroleum	Automobile	Cables	Welding Electrodes	Food Processing	Household Applications

**BIS Certification Marks Licence for :-**

- **SS Wire Rods : IS 6527:1995**      ● **SS Wire : IS 6528:1995**      ● **SS For Welding Electrode Core Wire : IS 10631:1983**
- **SS Bars and Flats : IS 6603:2001**      ● **SS Blooms, Billets and Slabs For Forgings : IS 6529:1996**

ASTM:	DIN/EN :	ELECTRODE GRADES :	IS GRADES :
201, 202, 204Cu, 301, 302, 303, 304, 304Cu, 304HC, 304L, 304H, 310, 310S, 312, 314, 316, 316L, 316LN, 316Ti, 316LCu, 321, 410, 420, 430, 430L	1.4301, 1.4306, 1.4307, 1.4310, 1.4401, 1.4404, 1.4567, 1.4841, 1.4842, 1.4541, 1.4845, 1.4570, 1.4571, 1.4578, 1.4597, 1.4362, 1.4370, 1.4016	ER307, ER307Si, ER308, ER308H, ER308L, ER308LSi, ER308LW, ER309, ER309L, ER309LSi, ER310, ER316, ER316H, ER316L, ER316LSi, ER316LSiMo, ER316LHMo, ER347, ER347Si,	X04Cr13, X12Cr13, X20Cr13, X30Cr13, X02Cr18Ni11, X04Cr18Ni10, X07Cr18Ni9, X04Cr17Ni12Mo2, X02Cr17Ni12Mo2, X10Cr17Mn6Ni4, X03Cr19Ni10, X04Cr21Ni10, X01Cr21Ni10, X01Cr19Ni10Mo2, X07Cr24Ni12, X01Cr24Ni12, X12Cr26Ni21, X05Cr30Ni9, X05Cr12, X05Cr17, X04Cr19Ni12Mo2, X04Cr18Ni11Nb1, X06Cr19Ni9Mo1

**\*Specialized Grades – As per customer's requirements**

- **Specifications:**

As per ASTM, DIN, BS, JIS, AWS, GOST etc. International standards and Customer specific special requirements.

End Use :

Fasteners	Bright bars	Wires	Welding Electrode	Chains	Springs
Bearings	Wire ropes	Cables	Wire Meshes	Wire Fencings	Tyre Cord

- **Our Testing Facilities:** Our Wire Rod plant has state of the art lab and testing facilities.

Chandan Steel's products goes through a series of comprehensive mandatory & customer specified supplementary and special tests at in-house testing facilities. This ensures a high quality level of our finished products and a long lasting customer relationship.

Some of the key testing facilities available at plant are :- Computerised tensile testing machine, Hardness testing machine, PMI Test and IGC test facilities, Macro Etching test, Spectro and Leco analysers for chemical composition, Metallography test for microstructure, inclusion, rating, grain size, Radioactive contamination testing, Cold upset test facility.

WIRE ROD DIVISION

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### CORPORATE OFFICE

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### PLANT

Plot No. 31, 32, 33B, 34, 35, 36, 45, 46, 48, 49/2 & 142 (Exp. Area)  
GIDC Umbergaon, & Survey No. 102/2 & 3, Village Dehri,  
Tal - Umbergaon, Valsad District, Gujarat - 396 171, India.

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