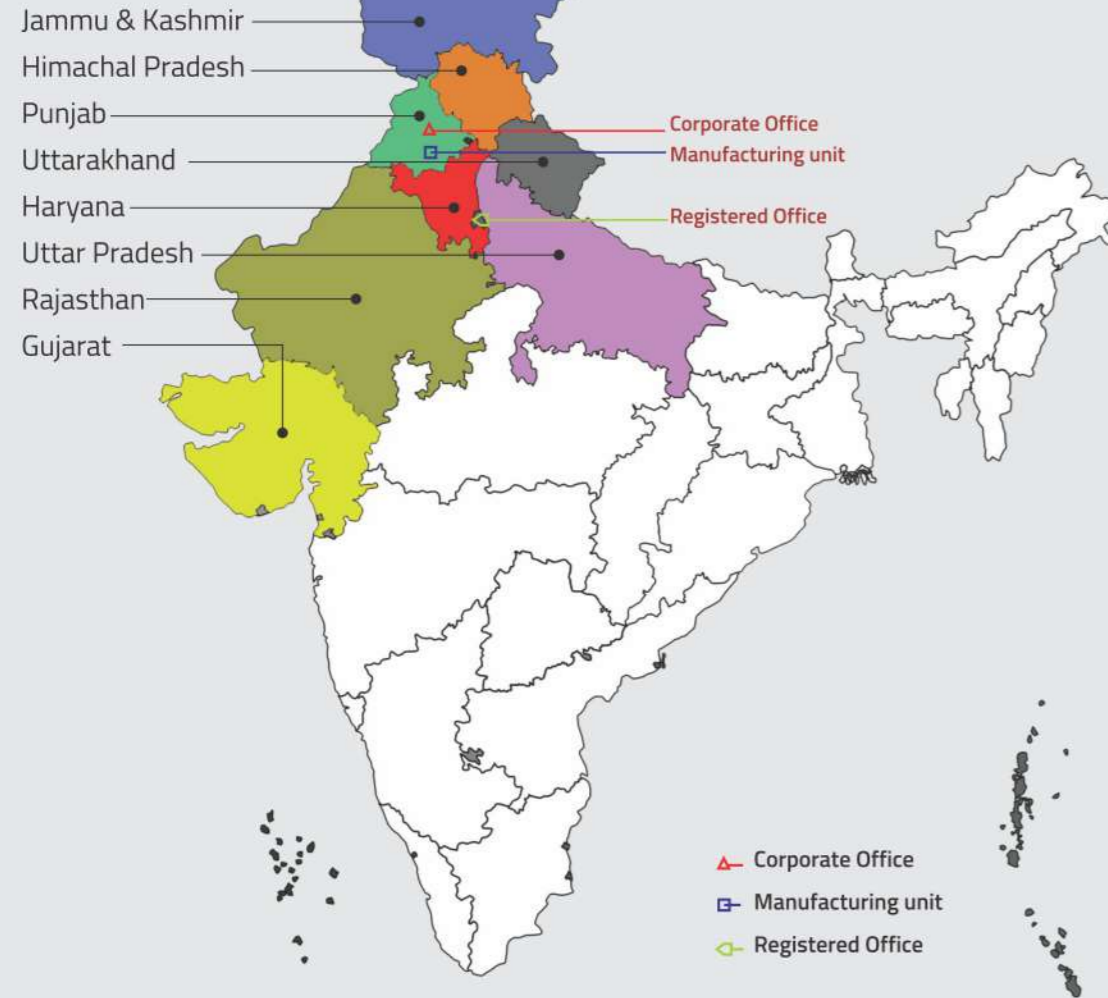


## OUR GROWING NETWORK



Wide spread network of 800+ dealers and 46 channel partners make **'Jyoti Ek Kadam Aage'** reach every corner of the country to provide consistent product support.

- ✉ [info@madhavkrggroup.com](mailto:info@madhavkrggroup.com)
- 🌐 [www.madhavkrggroup.com](http://www.madhavkrggroup.com)
- 📞 For assistance : 97799-15000
- 📘 Join us on : @madhavkrg
- 📺 Follow us on : @Madhavkrggroup

### Madhav KRG Ltd

**Corp Office:**  
1st Fl., The Celebration Bazaar,  
G.T Road, Khanna, Punjab

**Works:**  
Vill. Akalgarh, Amloh-Bhadson Road,  
Dist. Patiala, Punjab

**New Delhi Office:**  
1002-03, Aggarwal Millenium Tower-I,  
Netaji Subhash Place, Pitampura, New Delhi



AN ISO 9001, OHSAS 18001, 14001 COMPANY



IS 1786:08  
IS 2830:12  
IS 432 G.1  
IS 7887:1992

AN ISO 9001, OHSAS 18001, 14001 COMPANY

IS 1786:08  
IS 2830:12  
IS 432 G.1  
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Proven **Quality.**  
Solid **Trust.**

MADHAV KRG GROUP

**JYOTI**

— BHAROSE KI TAAKAT —

**TEMPCORE SG**  
TMT BAR

North **INDIA'S 1<sup>st</sup>** LRF Technology TMT Rebar



JYOTI TEMP CORE **SG** IS 1786

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MADHAV KRG GROUP

# JYOTI

BHAROSE KI TAAKAT

## TEMPCORE SG

### TMT BAR

- North INDIA's 1st LRF Technology TMT Rebar Plant
- Stringent Quality as per BIS Norms
- Complete in-house production
- 6.5 Lacs Production Capacity of Steel
- 20+ years of Steel Business
- 8+ States Distribution Network with Punjab, Haryana, Himachal Pradesh, Uttarakhand, Uttar Pradesh, Rajasthan, Gujarat, Jammu & Kashmir
- Prime focus on customer service

## The 5S ADVANTAGE TMT Rebar

- Super Strength**  
More than 550 N/MM2
- Super Rib Area**  
Double as per BIS standards
- Super Corrosion Resistance**  
Best Control on Chemistry of the Liquid Iron
- Super Ductile**  
Minimum 18% Elongation (Lachak)
- Super Fine Quality**  
with Zero Impurities & absolute removal of Harmful Gases

### BENEFITS OF WORLD FAMOUS LRF TECHNOLOGY

- LRF (Ladle Refining Furnace)** which is World renowned latest technology and brought to North India 1st time by Madhav KRG Ltd.
- Phosphorous & Sulphur** the most harmful impurities are controlled in much better manner, ensuring an Impurity Free Final Product.
- JYOTI Tempcore SG TMT is produced by World acclaimed Tempcore Technology duly certified by, **CRM Belgium**.
- Absolute removal** of Harmful Gases (Oxygen, Hydrogen, Nitrogen) for environmental benefits.
- Internal Defects which are not mentioned in **BIS 2830 (Billets)** are removed to an extent of 100%.
- Jyoti Tempcore SG TMT has **100% Bundle Weight** which is as per BIS 1786 standard (92-96 KG on 12 Meter Length)
- 30 Ton Capacity** of LRF for volume and fast production.



### PRODUCT SPECIFICATIONS

TRADE MARK	GRADES	DIAMETER
Jyoti Tempcore SG <sup>1786</sup> ISI	Jyoti Tempcore - Fe 500, Fe 550, Fe 500D, Fe 550D	6, 8, 10, 12, 16, 20, 25, 28, 32, 36, 40 mm

### PHYSICAL PROPERTIES

SIZE	JYOTI SG STANDARD	I.S.I STANDARD
6 MM	206 to 238 gm/mtr	204 to 240 gm/mtr
8 MM	380 to 400 gm/mtr	367 to 422 gm/mtr
10 MM	580 to 605 gm/mtr	574 to 660 gm/mtr
12 MM	850 to 880 gm/mtr	844 to 932 gm/mtr
16 MM	1530 to 1595 gm/mtr	1501 to 1657 gm/mtr
20 MM	2410 to 2490 gm/mtr	2394 to 2544 gm/mtr
25 MM	3800 to 3899 gm/mtr	3735 to 3965 gm/mtr

### CHEMICAL PROPERTIES

CARBON 0.18 to 0.25 max	SULPHUR 0.030 to 0.045 max
MANGANESE 0.45 to 0.70 max	PHOSPHORUS 0.030 to 0.045 max

### MECHANICAL PROPERTIES

PARAMETER	JYOTI TEMPCORE SG REBAR			
	500	500 D	550	550
Yield Strength	520 N/mm <sup>2</sup>	520 N/mm <sup>2</sup>	565 N/mm <sup>2</sup>	565 N/mm <sup>2</sup>
Tensile Strength	620 N/mm <sup>2</sup>	620 N/mm <sup>2</sup>	655 N/mm <sup>2</sup>	655 N/mm <sup>2</sup>
Elongation	18%	18%	18%	18%