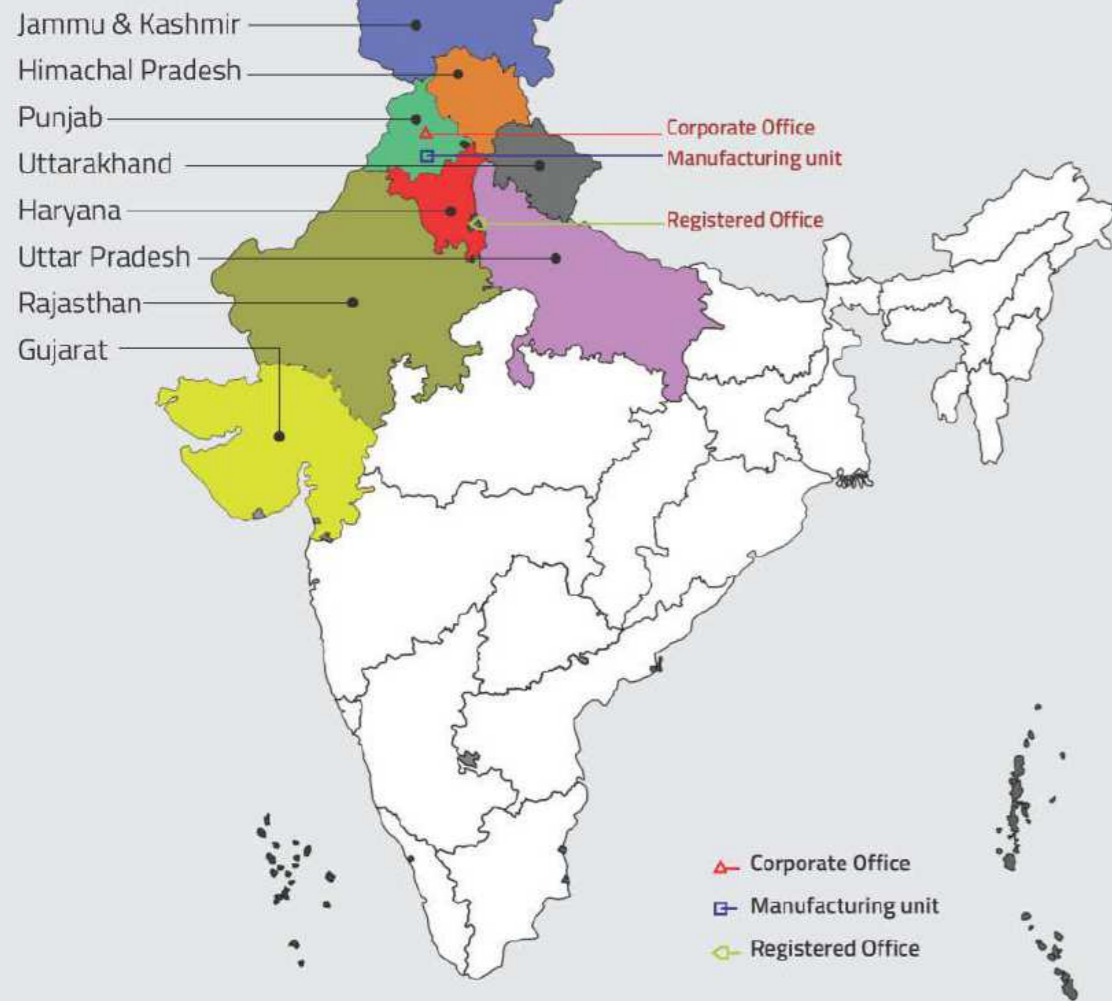


OUR GROWING NETWORK



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
- 🌐 www.madhavkrggroup.com
- ☎ For assistance : 97799-15000
- 📘 Join us on : @madhavkrg
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Madhav KRG Ltd

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

Works:
Vill. Akalgarh, Amlah-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
IS 7887:1992

Proven **Quality.**
Solid **Trust.**

MADHAV KRG GROUP

JYOTI

— BHAROSE KI TAAKAT —

TEMPCORE SG
TMT BAR

North **INDIA'S 1st** LRF Technology TMT Rebar

MADHAV KRG GROUP
BUILDING A SUSTAINABLE TOMORROW

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

- 1 Super Strength**
More than 550 N/MM2
- 2 Super Rib Area**
Double as per BIS standards
- 3 Super Corrosion Resistance**
Best Control on Chemistry of the Liquid Iron
- 4 Super Ductile**
Minimum 18% Elongation (Lachak)
- 5 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 ¹⁷⁸⁶ 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 ²	520 N/mm ²	565 N/mm ²	565 N/mm ²
Tensile Strength	620 N/mm ²	620 N/mm ²	655 N/mm ²	655 N/mm ²
Elongation	18%	18%	18%	18%