

AN ISO 9001, OHSAS 18001, 14001 COMPANY



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

JYOTI
— BHAROSE KI TAAKAT —
TEMPCORE SG
TMT BAR

Build Your
DREAM
HOME

With
JYOTI TEMPCORE SG TMT BAR





MADHAV KRG GROUP OVERVIEW



1000+
No of Employees



6.5 Lacs
Production Capacity of Steel



10+ States
Distribution Network



1000+
No. of Dealers



20+
Years of Steel Business



50000+
Lives through CSR

PRODUCT RANGE



TMT Bars | Pipes | Tubes | GP Coils | Binding Wires

THE BRAND JYOTI - BHAROSE KI TAKAT



Delivering the promises to the customers & Business Associates has always been our tradition. Today our flagship Brand **JYOTI** stands tall only because of the reason that our Trust is visible and we fully deliver what is expected from us. It certainly is a matter of pride for us.

JYOTI TEMPCORE SG REBARS

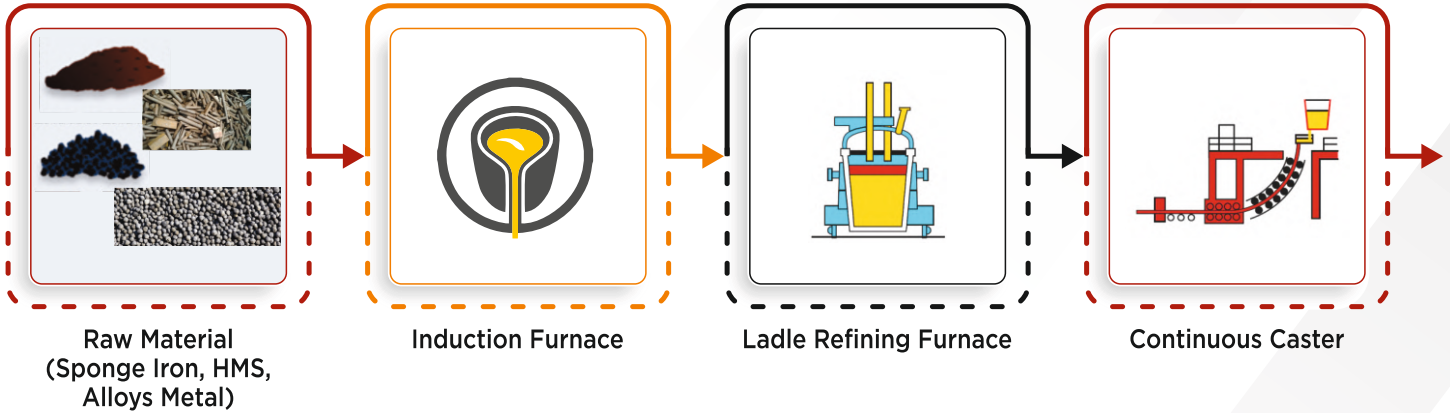


JYOTI Tempcore SG Rebars are the main line of our operations. 'Billets' of international standards are created by employing advanced technology in an INTEGRATED STEEL PLANT. Billets are further used in the production of the Thermo Mechanically Treated (TMT) Bars. Hence, self-manufactured raw materials contribute to economical production and are is advantageous for the end user.

The resultant Bars, with their malleability, ductility and HCR (High Corrosion Resistance) help in consistently maintaining our grades of the outcome and ensures customers' satisfaction along with the desired quality.

Today JYOTI Tempcore SG Rebars have a large scale presence across various corners on the country and continuously the spread is growing exponentially. This has been possible because of the wide product acceptability and a lead in repeat purchases. Withstanding the challenges in the Steel arena, JYOTI Tempcore SG Rebars have always stood prime in Quality and deliverance.

MANUFACTURING PROCESS



**PLEASE SCAN FOR THE VIDEO OF
OUR MANUFACTURING PROCESS**

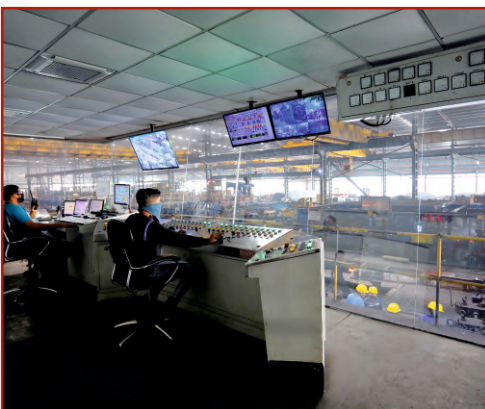


IQMS

Quality is always our prime concern when it comes to delivering products; this is why we have established an IQMS in our company.

The IQMS in our company is responsible for the fulfillment of two converging goals - firstly, ensuring the quality of finished products, and secondly, enabling compliance with set standards in all the processes of manufacturing, from acquiring raw materials to delivering the finished product.

This advanced system guides us to adhere to the highest standards of quality in all aspects of manufacturing and helps us keep our processes optimized.



BENEFITS OF JYOTI TEMPCORE SG BARS



SUPER STRENGTH

- ◆ More than 550N/MM²Ys – BIS 1786:2008
- ◆ Thermo Mechanically Treated bars
- ◆ Perfect for sudden load absorption for any structural building

1



SUPER RIB AREA

- ◆ Double as per BIS – 1786:2008
- ◆ Maximum bonding of concrete with the steel bar for long-lasting strength
- ◆ Ribs ensures better grip in concrete. It reduces the possibility of slipping during construction

2



SUPER CORROSION RESISTANCE

- ◆ Best control on chemistry of liquid Iron
- ◆ Longer life due to superior pitting corrosion resistance

3



SUPER DUCTILE

- ◆ Minimum 18% elongation
- ◆ TMT Bar can bend and re-bend as per BIS 1786:2008
- ◆ Earth quake resistance

4



SUPER FINE QUALITY

- ◆ TMT with Zero impurities & absolute removal of harmful gasses
- ◆ Tested Raw Material as Per IQMS (Integrated Quality Management System)

5



LRF (LADLE REFINING FURNACE)

- ◆ Jyoti TMT bars are manufactured by world renowned latest technology brought to North India 1st time by Madhav KRG Ltd.

6



CRM BELGIUM CERTIFIED

- ◆ Jyoti Tempcore SG TMT is produced by World acclaimed Tempcore Technology duly certified by CRM Belgium

7



TECHNICAL SPECIFICATIONS

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 TEMP CORE SG REBAR			
	Fe 500	Fe 500 D	Fe 550	Fe 550 D
Yield Strength	525 N/mm ²	525 N/mm ²	575 N/mm ²	575 N/mm ²
Tensile Strength	600 N/mm ²	600 N/mm ²	660 N/mm ²	660 N/mm ²
Elongation	18%	18%	18%	18%

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



CERTIFICATIONS

भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

BUREAU OF INDIAN STANDARDS
Attachment to Licence No. CML-4860373

CML-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
1860373	Madhav KRG Limited -Vill. Akalgari, Amloh-Bhadson Road, Patiala - 147201	High strength deformed steel bars and wires for concrete reinforcement	IS 1786 : 2008

Endorsement No. 11 Dated 17-Mar-2022

Whereas, the licence was valid upto First May Two Thousand Twenty Two.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 30-Apr-2022 has been extended from First May Two Thousand Twenty Two to Thirty April Two Thousand Twenty Three.

Other terms and conditions of licence remain same.

Branch Head (Chandigarh Branch Office-I)

Manik Bhawan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, 9 Bahadur Shah Zafar Marg, DELHI, 110002
 Contact No: +91 11 23230131, 23233775, 23239402 Fax: +91 11 23234062, 232 Email: info@bis.gov.in

IS 1786:2008

भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

BUREAU OF INDIAN STANDARDS
Attachment to Licence No. CML-9934506

CML-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
9934506	Madhav KRG Limited -Village Akalgari, Talab Nainka, Amloh Bhadson Road, 147201	Carbon steel cast billets, ingots, blooms and slabs for re-rolling into steel for general structural purposes - Specification	IS 2830 : 2012

Endorsement No. 12 Dated 14-Apr-2022

Whereas, the licence was valid upto First June Two Thousand Twenty Two.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 31-MAY-2022 has been extended from First June Two Thousand Twenty Two to Thirty First May Two Thousand Twenty Three.

And, whereas the renewal was deferred till 14-Apr-2022 and licence was not allowed to use or apply the Standard Mark from 13-Jul-2017 to 14-Apr-2022.

Other terms and conditions of licence remain same.

Branch Head (Chandigarh Branch Office-I)

Manik Bhawan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, 9 Bahadur Shah Zafar Marg, DELHI, 110002
 Contact No: +91 11 23230131, 23233775, 23239402 Fax: +91 11 23234062, 232 Email: info@bis.gov.in

IS 2830:2012

भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

BUREAU OF INDIAN STANDARDS
Attachment to Licence No. CML-9700971815

CML-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
9700971815	MADHAV KRG LIMITED VILLAGE- AKALGARH AMLOH-BHADSON ROAD, NEAR TOLL PLAZA, BHADSON - 147201	Mild Steel and Medium Tensile Steel Bars and Hard Drawn Steel Wire for concrete Reinforcement Part I, Mild Steel and Medium Tensile Steel Bars	IS 432 : PART I : 1982

Endorsement No. 5 Dated 18-Jun-2022

Whereas, the licence was valid upto Twenty Fourth July Two Thousand Twenty Two.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 23-JUL-2022 has been extended from Twenty Fourth July Two Thousand Twenty Two to Twenty Third July Two Thousand Twenty Three.

Other terms and conditions of licence remain same.

Branch Head (Chandigarh Branch Office-I)

Manik Bhawan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, 9 Bahadur Shah Zafar Marg, DELHI, 110002
 Contact No: +91 11 23230131, 23233775, 23239402 Fax: +91 11 23234062, 232 Email: info@bis.gov.in

IS 432:1982

भारतीय मानक ब्यूरो
Bureau of Indian Standards
The National Standards Body of India

BUREAU OF INDIAN STANDARDS
Attachment to Licence No. CML-970097421

CML-No	Name of the Licensee with the Factory Address	Name of the Product	Indian Standard No.
970097421	MADHAV KRG LIMITED VILLAGE- AKALGARH AMLOH-BHADSON ROAD, NEAR TOLL PLAZA, BHADSON - 147201	Mild steel wire rods for general engineering purposes	IS 7887 : 1992

Endorsement No. 4 Dated 15-Sep-2022

Whereas, the licence was valid upto Twenty Eighth November Two Thousand Twenty Two.

Now, consequent upon renewal, the validity of the licence given in schedule of the Licence Dated 27-NOV-2022 has been extended from Twenty Eighth November Two Thousand Twenty Two to Twenty Seventh November Two Thousand Twenty Three.

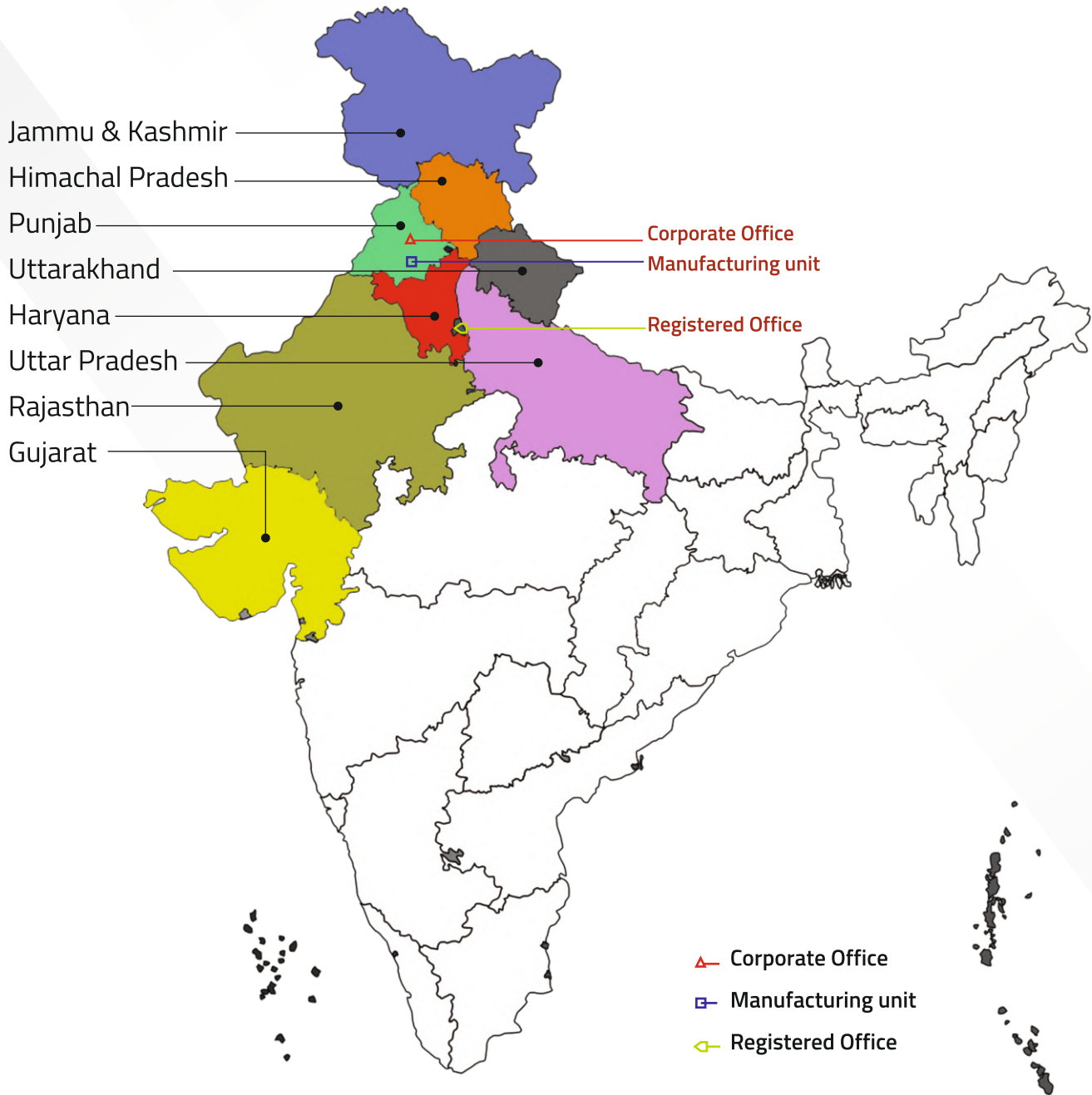
Other terms and conditions of licence remain same.

Branch Head (Chandigarh Branch Office-I)

Manik Bhawan, 9 Bahadur Shah Zafar Marg, New Delhi 110002, 9 Bahadur Shah Zafar Marg, DELHI, 110002
 Contact No: +91 11 23230131, 23233775, 23239402 Fax: +91 11 23234062, 232 Email: info@bis.gov.in

IS 7887:1992

OUR GROWING NETWORK



Wide spread network of 1000+ dealers and 46 channel partners make '*Bharose ki Takat*' reach every corner of the country to provide consistent product support.

BUILDING A SUSTAINABLE TOMORROW



SUSTAINABLE FUTURE

By giving back more than what we took from Society, Environment and Country at large.

JYOTI
Shiksha Sankalp
Educate to Prosper



शिक्षा – क्षेत्र में विद्यार्थियों को सम्मानित करने की दिशा में एक कदम

OUR CLIENTS



and many more...

Our Major Approvals



CPWD



PWD DELHI



MES WESTERN
COMMAND



PWD JAMMU



INDUS TOWER



NDMC DELHI



BORDER ROAD
ORGANISATION



POWER GRID
CORPORATION
OF INDIA LTD



TATA PROJECTS
LIMITED



MECON LTD



ENGINEERING
PROJECTS (INDIA) LTD



RAMBOLL



DEPARTMENT OF
INDIAN SPACE
RESEARCH
ORGANISATION



DELHI METRO RAIL
CORPOATION LIMITED



CONSTRUCTION INDUSTRY
DEVELOPMENT COUNCIL



NOIDA METRO RAIL
CORPORATION LIMITED



MSTC LIMITED



NATIONAL HIGHWAY
AUTHORITY OF INDIA



**BUILDING A SUSTAINABLE
TOMORROW**

Madhav KRG Limited

WORK OFFICE: Vill. Akalgarh, Amlah-Bhadson Road, Near Toll Plaza, Dist Patiala - 147203

REGISTERED OFFICE: 1002-3 Agarwal Millennium Tower - 1, Netaji Subhash Palace, New Delhi - 110034

CORPORATE OFFICE: Level 1, Celebration Bazaar, GT Road, Khanna, Punjab - 141401

www.madhavkrggroup.com | +919779915000