

WE KNOW THE ART OF MAKING STEEL



PRIME GOLD
PURE STEEL

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PURE STEEL

» Background



Established by Shri Pradeep Aggarwal, Prime Gold International Ltd. is a name to reckon with. Known for his vision and commitment in every endeavour, entrepreneurial spirit, providing righteous products to the customers and ensuring profits of all his associates, Shri Pradeep Aggarwal has rewritten the rules and ushered in a new era of manufacturing, marketing and distribution of infrastructure related products & construction material. The group aims to keep on marching ahead with its promise of delivering quality and ensuring authenticity in everything they offer.

The success achieved has been multiplied by manufacturing & marketing of premium construction related products, like Steel, Cement, S. S. Water Pipes & Fitting, Paints etc. towards meeting the growing demands of infrastructure development.

» The Vision & Mission

Vision

- Passion in touching lives of people by contributing quality steel at affordable price range for national growth.

Mission

- Innovating & implementing technologies to achieve superior quality steel.
- Reaching out to all town & cities of country.
- Providing unmatched service in the industry and creating quality & permanent bond with our customers.
- Using quality principles & service to multiply into other products like cement, POP, Wall Putty & S. S. Water Pipes.



We are the change...
We are the strength



Advantages of PRIME GOLD TMT Steel Bars

■ Bond Strength

Prime Gold TMT Bars specially designed lugs & ribs to ensure that excellent bond strength exists between the bar and the surrounding concrete.

■ Bending & Re-Bending

Prime Gold TMT Bars have excellent bending properties and may bend around small diameter norms and re-bend without cracking.

■ Weldability

Due to its low carbon content, Prime Gold TMT Bars can be butt-welded or lap-welded using ordinary normal coated electrodes of matching strength. No pre-warming or post heat treatment is necessary if required to do manual arc welding.

■ Corrosion Resistance Characteristics

There are no torsional residual stresses in the bars which results in superior corrosion resistance characteristics as compared to traditional cold twisted bars.

■ High Temperature Resistance

Prime Gold TMT Bars retain more than 80% of their ambient temperature yield strength at 300°C and 40% at 500°C.

■ Dimensional Tolerances

Prime Gold TMT Bars are supplied with section weight lower than the nominal and are guaranteed for being not more than 1% heavy.

■ Seismic Resistance Properties

On conducting tests on concrete beam column joint reinforced with Prime Gold TMT Bars, to evaluate its performance under repeated stains during an earthquake, the results revealed superior seismic resistance properties.

■ State of the art

We are having the state of the art plant which is fully computerized.

→ 2

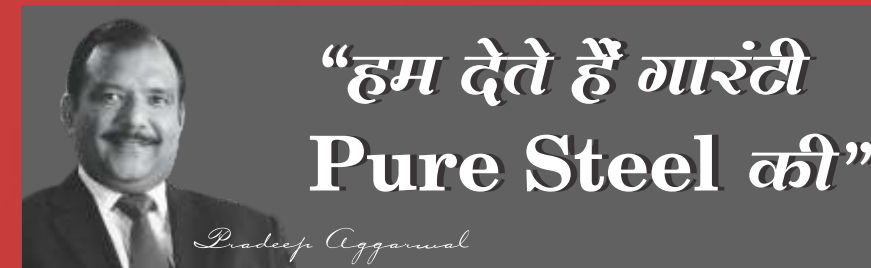
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International Quality Standards

MECHANICAL PROPERTIES				
Properties/ Composition	India (IS:1786)	Sail TMT (As per Brochure)	Prime Gold TMT	Tata Tiscon TMT
	Grade Fe-500	Grade Fe-500	Grade Fe-500 PG	Grade Fe-500 D
Proof Stress	500 N/mm ²	500 N/mm ²	525 N/mm ²	540 N/mm ²
Tensile Strength	545 N/mm ²	545 N/mm ²	590 N/mm²	600 N/mm ²
Elongation	12%	18%	23.3%	18%
Bend Test	Upto 22 mm -4D	Satisfactory	Satisfactory	Satisfactory

CHEMICAL COMPOSITION (%)				
Carbon	0.30 Max.	0.250 Max.	0.25 Max.	0.250 Max.
Sulphur	0.055 Max.	0.050 Max.	0.039 Max.	0.035 Max.
Phosphorous	0.055 Max.	0.050 Max.	0.045 Max.	0.035 Max.
S+P	0.105 Max.	0.100 Max.	0.084 Max.	0.070 Max.
Mn.			0.4 Min.	
Si.			0.4 Max.	



JOINT VENTURE PLANT WITH SAIL

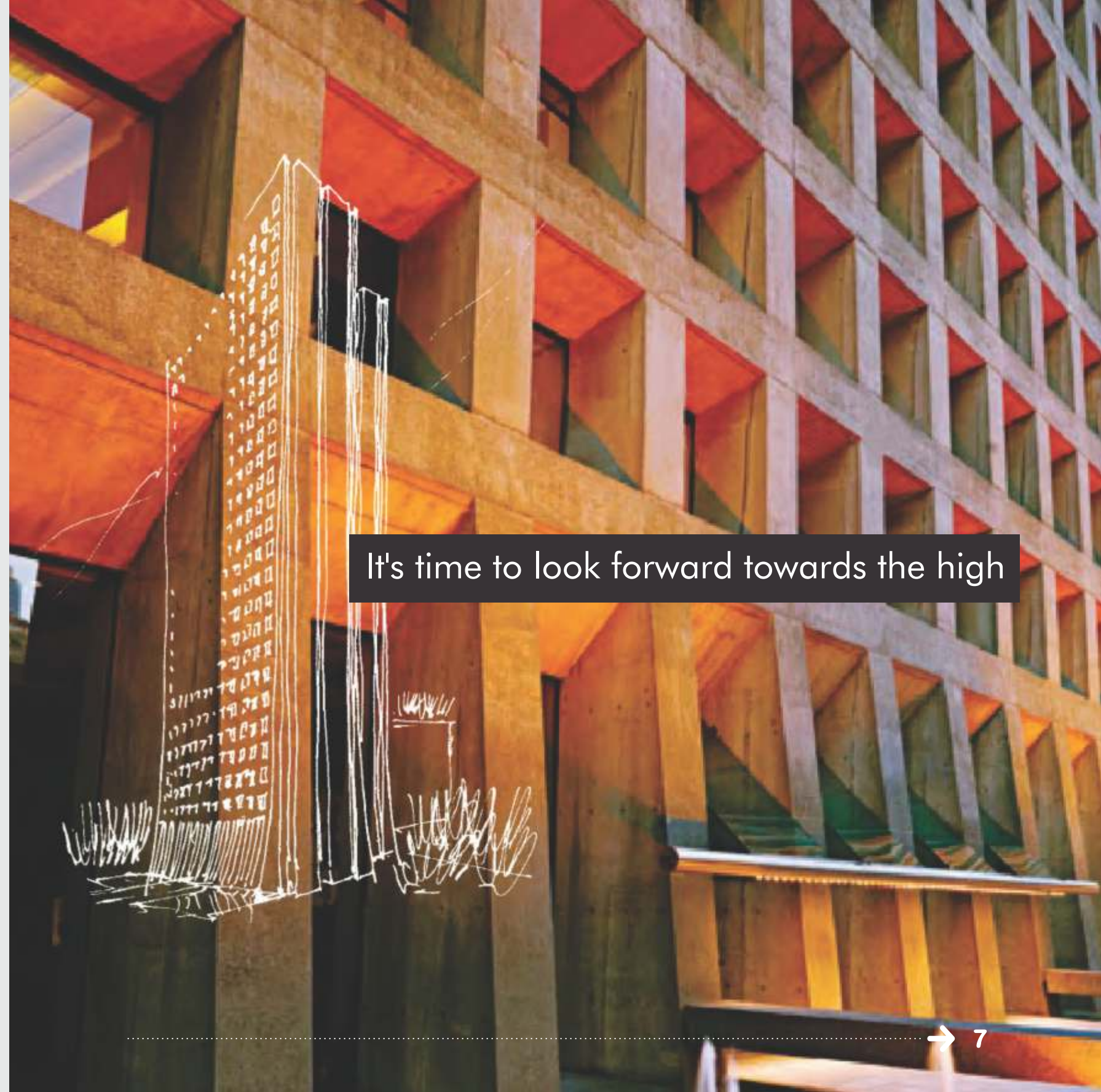


(From L to R) Sh. Pulkit Aggarwal, Director, Prime Gold-SAIL JVC Limited,
Sh. Pradeep Aggarwal, CMD, Prime Gold-Sail JVC Limited,
Sh. C. S. Verma, Chairman, SAIL, Sh. S. K. Dey, Executive Director (SPU), SAIL.

Our Clients



- Suncity Limited, Delhi
- Chennai Airport, Chennai
- Ajnara Farms & Services Ltd., Delhi
- Ansal Housing & Construction Ltd., Delhi
- Cosmos Infra Engineering (India) Ltd., Delhi
- Llyods Steel Industries Ltd., Maharashtra
- L & T, Rajasthan
- Haldiram Snacks Pvt. Ltd., Noida, U.P.
- Blue Star Electro-Mechanical Ltd, Mumbai
- D.A.V. University, Punjab
- S.B.P. Builder, Punjab
- Ram Asra Institute, Punjab
- Patiala Poultry Pvt. Ltd., Punjab
- Shri Krishna Edu. Society, Punjab
- Sanskar International Education Group, Delhi
- GTL Ltd. Delhi
- Sobha Developers Ltd., Delhi
- TDI Infrastructure Ltd., Delhi
- BISPCO Projects Pvt. Ltd. Chhattisgarh
- JSM Devcons Pvt. Ltd., M.P.
- S.P. Singla Constructions Pvt. Ltd., Chhattisgarh
- Singhanian Marlin Estate, Chhattisgarh
- Suzlon Infra. Services Ltd., M.P.
- Vijeta Construction Co., Chhattisgarh
- Saroj Group, Karnataka
- Indira Developer, Karnataka
- PSR Builder, Karnataka
- Team Concept, Karnataka
- Chennai Airport
- Ambience Catriona Society, Haryana



It's time to look forward towards the high

» Manufacturing Process

Prime Gold TMT Bars are manufactured through state-of-the-art technology. Starting from the iron ore, JCB & Blasting process is applied for getting Iron ore from the mines and converted into 5mm to 20mm pcs. Iron ore is mixed with coal in a pre-determined ratio and burnt at extremely high temperature (1150°C), in Rotary furnace. A proportion of chemical is also mixed and burnt at extremely high temperature and the parameters are checked by means of spectrometer, so that, the desired reduction of Fe from Iron ore is achieved the same is left for some hours for cooling Down. The high temperature process converts it into sponge block, in which 85% Fe is present. Now, Sponge is passed through continuous casting process to convert sponge into billet. Billet is cut into 3mtr pieces and sent to Automatic Rolling mill for rolling. After completing the process it is passed through Thermo Mechanical process, which involves Quenching, Tempering & Cooling stages. The inner core of the TMT is left soft and outer core of the TMT is hardened wherein Tensile strength of the TMT bar approx 500 to 600 N/mm² is available.



Fig.1 Mine



Fig.4 Furnace



Fig.2 Sponge Plant



Fig.3 Sponge



Fig.5 Billets



Fig.6 Rolling Mill

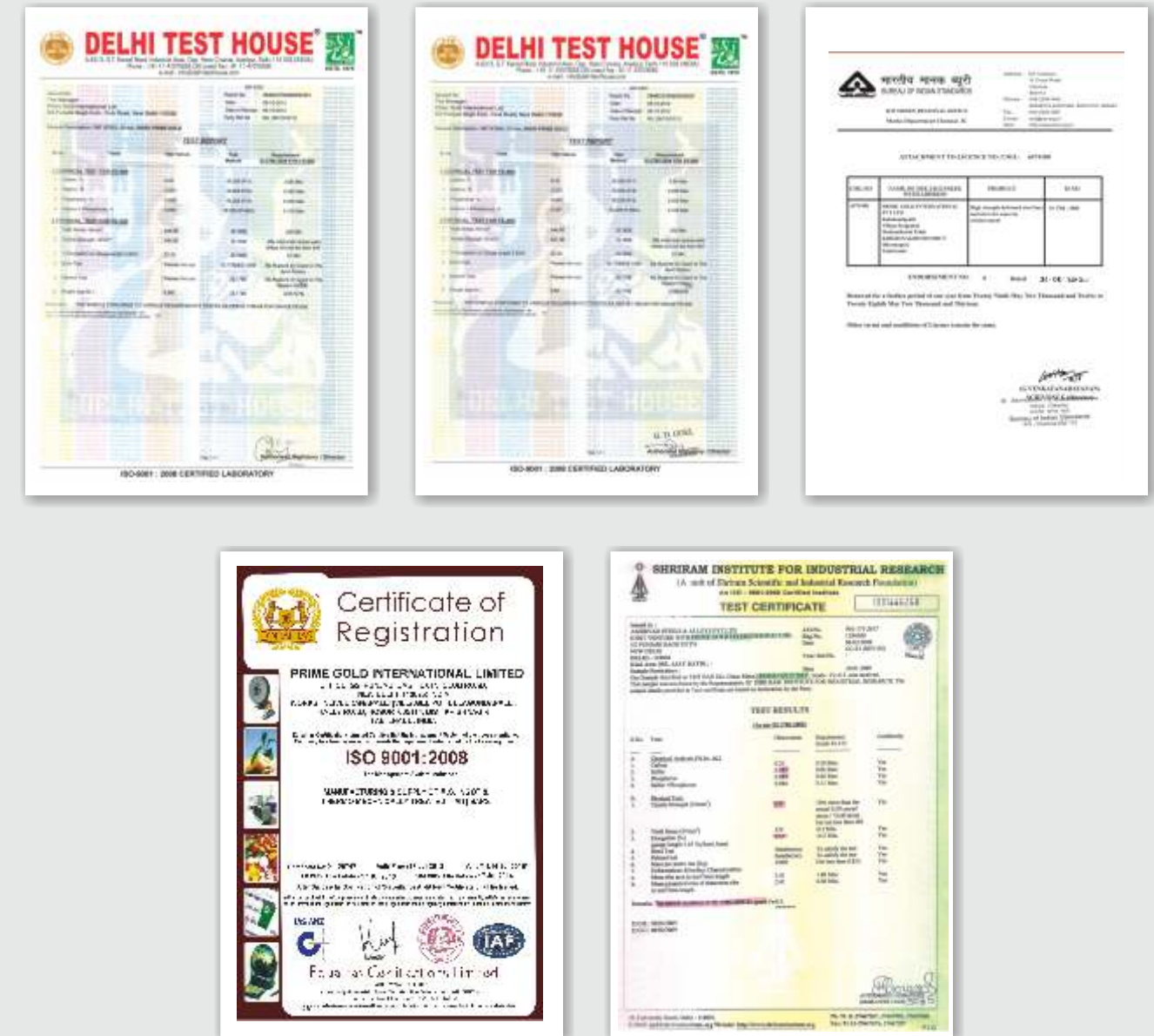


» What makes Prime Gold worth-recommending? :-

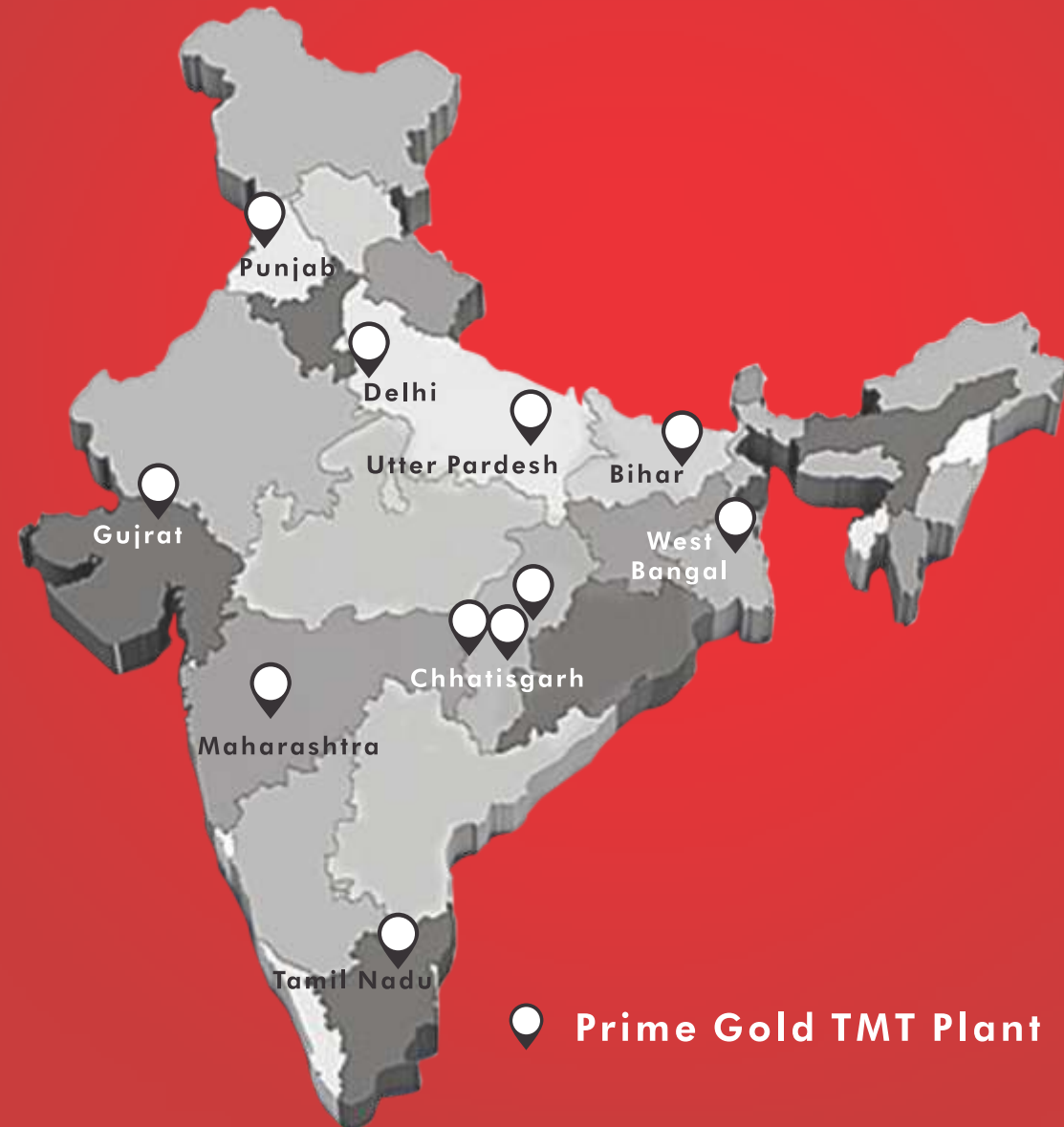
We at the Prime Gold very well understand the need of customers across the nation for excellent quality TMT iron bar. As we ourselves are determined to make our quality products available to each and every customer throughout the nation, we have set up our manufacturing units in all the important parts of the country. In order to maintain a constant and strong link with customers, we have created a skilful network of 3000 dealers and 150 distributors across the country. We are committed to deliver on our promises of delivery of our products on the dot anywhere throughout the nation.

The Prime Gold very strictly and sincerely follows the standards of excellence right from the processing of raw material, manufacturing process till the delivery of our products to customers. All the specifications including consistency of weight standards are strictly maintained. Besides the top quality products with excellent standards, the prices of all the products are kept at very reasonable levels. Our customers' satisfaction and their encouragement to us is the best price for us. That is why there is hardly any fluctuation in the prices of Prime Gold TMT. Excellent quality is the greatest feature of the Prime Gold TMT and consistent quality is available in Fe 500 and Fe 500 D. Not to mention that various Government and semi-government departments have gladly approved our products.

» Certifications



» Our Network



● Prime Gold TMT Plant

» Humanity ... Our Prime concern



We, at Prime Gold International Ltd. have always been aware of the fact that our existence and ever-progressing success is only through complete satisfaction of customers by providing them the best ever products and services. That's why we are determined not to budge even an inch from our perfect standards.

Apart from our unflinching moral values all through our business activities, we are gladly aware of our social responsibilities. We are well aware of the fact that our business activities are valuable and worth-doing so long as we cherish an earnest desire for the well-being of our nation, our environment as well as society. Such thoughts have constantly inspired us to go the extra mile for contributing to each and every activity intended for social welfare and national development. Besides ensuring in best possible manner that our business activities do not cause any least of harm to our environment and people around, we have been actively organizing programs to motivate people to grow more and more trees. We ourselves are growing trees, thus setting example for other people. We have also been organizing special programs to spread awareness among people about girl-education, gender equality and other relevant social causes. We very well realize that if the Almighty has made us capable of something, it is our moral duty to serve him by serving people through the most honest means possible for us.