



To,

Subject: Introduction about Amravati TMT bars

We would like to introduce ourselves as one of the most reputed constructional steel manufacturing companies in Northern India with state-of-the-art manufacturing facility in Barotiwala, Himachal Pradesh.

Our unit is an integrated high-tech steel unit. We are currently supplying TMT bars in Chandigarh, Himachal, Punjab and Haryana through a robust network of more than 300 dealers. We have ISI, ISO as well as TUROQUENCH certifications and are supplying Amravati TOR Bars to various departments of Himachal Pradesh government in high quantity and is certified and approved by six recognized labs. We have been using the most modern "TURBOQUENCH Technology" for our ISI mark TMT bars for the last four years. This technology is widely used the world over for making TMT bars and, in India, Central Public Works Department (CPWD) has officially approved our TMT bars due to the use of TURBOQUENCH technology by us. We have our own in-house plant for making Ingots that are used to make TMT bars. We have an annual manufacturing capacity of 60,000 MT, which is likely to increase to 100,000 MT in a year's time. Our TMT bars are available from 8mm to 32mm size with standard grade Fe 415. However, specific grades like Fe 500, Fe 550 and Fe 600 can also be manufactured on special demand. We also manufacture alloy wire rods of grade 1010 and 1015, size 8 mm, 10 mm and 12 mm for various wire drawing units.

The profile contains all the essential documents like copies of ISI, ISO and TURBOQUENCH certificate, Certificate of Approval by CPWD, our company test certificates, some purchase orders of H.P. and J&K Governments and reputed multinational organizations etc.

We eagerly solicit a positive response from your side.

Thanking you

Regards

Nitin Goyal
Director
Marketing and Production



About The Company

AAR AAR Castings Ltd. Is located at village Jharmajri (Barotiwala) H.P, an upcoming industrial hub situated in the scenic foothills of the Shivalik. Buoyed by the plausible policies of the respective governments and the significant presence of some of the biggest industrial names, Barotiwala Nalagarh Baddi belt is now one of the most rapidly expanding industrial focal points in India. We take immense pride in being one of the fore-bearers of this industrial revolution in

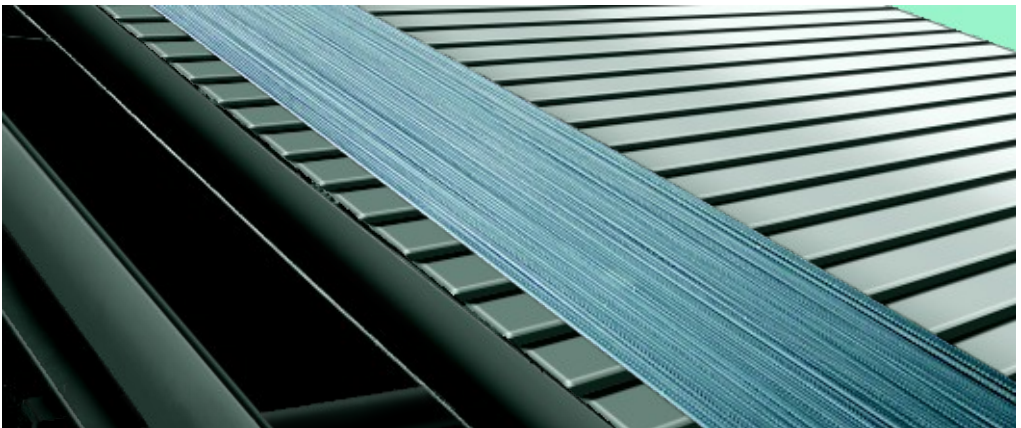
the region. Our TMT bars, through constant innovation and state-of-the-art manufacturing facilities, have become synonymous with supreme quality and reliability.

Our Logo



Our logo epitomizes the philosophy and the inherent attributes that form the very basis of our company. The three sides of the star in the logo represent the strength, integrity and reliability that our company stands on.

And it's this character that generates the values and the passion to give our customers superlative quality, aptly depicted by the star in the logo. The conjoined lines on the top of the logo symbolize our concrete resolve to succeed powered by our innovative excellence and become the home of world class quality. Amravati TMT Sarla is a promise that lasts a lifetime and beyond. We are proud to be the strength that your dreams are built on.





Company Profile

Since commencing its production operations in November 2004, the company has become one of the most reputed names in the region. With a state-

attention to quality. This commitment to excellence is stamped with the prestigious ISO 9001:2001 certification and ISI certified mark on

by the day. AAR AAR Castings Ltd. is lead by a highly talented team of visionary directors, the most efficient engineers, technicians and staff



of-the-art automatic steel plant, the company has seen its production touch an annual production capacity of 60,000 metric tonnes in such a short span and plan to achieve a production of 1,00,000 MT this year. And all this is done with unmatched

our CTD and TMT bars. We are also the authorized suppliers of TOR bars to govt. of Himachal Pradesh.

The company has a boisterous network of 300 dealers spread across four states of North India and is spreading its wings farther

members of all respective departments. With determined steps and focused targets, we are constantly setting new benchmarks of quality, reliability, strength and customer satisfaction.

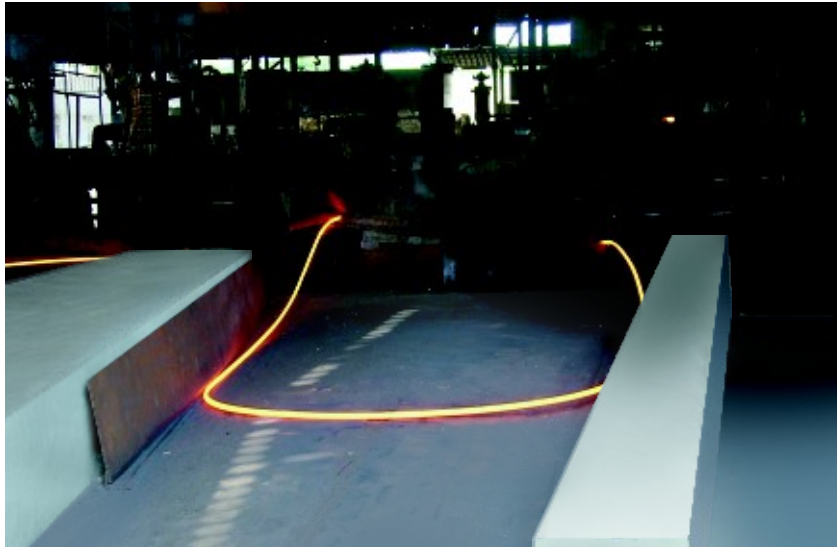


Composite Steel Unit

Amravati TMT plant is based on upgraded Automatic German

Grade Fe 415, Fe 450, Fe 500 size 8mm to 32mm and MS wire rod for various

The most modern TURBOQUENCH process with hi tech automatic bar



TURBOQUENCH Technology. Production capacity of the plant is 60000 MT per annum for HSD bars and wire rods. The range of products for HSD bars includes Cold Twisted Deformed (CTD), Grade Fe 415, Fe 450, Fe 500 size 8mm to 32mm and Thermo Mechanically Treated (TMT) bars with

applications 8mm to 20mm. The plant is fully automated for hot rolling and precision twisting techniques. Modified TURBOQUENCH Cooling Technology based on extensive R&D by engineers and technical staff has been adopted for the manufacture of TMT bars.

mill provides the excellent quality of TMT bars of international standard. In addition, we have our own Ingot making process. Our mill is a Composite Steel Unit with the most modern induction furnace of Inductotherm (USA) with transformers from Alstrom (France) that are installed for making good quality Ingot for making international standards TMT bars.



International Quality

Amravati has a composite unit where raw materials are subjected to thorough cleaning and testing and the finished product is physically and chemically tested using state of the art testing equipments to conform to BIS Norms. AAR AAR Castings Ltd. is the first company in this region to get ISO 9001-2000 certification marking of Norway within one month of its inception and also got ISI certification within the first 5 months. Our technical experts, with the experience of working

at some of India's largest steel organizations, work together as an interactive team, pooling their expertise to achieve excellence. To further improve the quality & research all testing arrangements are computerized.

We have our own state-of-the-art R&D centre, where qualified chartered engineers constantly work towards developing and implementing world class innovations to the process of steel-making

and to continuously raise the quality standards of



the finished saleable product. At our manufacturing plant, utmost attention is paid to ascertain that the eventual products live up to their respective steel grades. At present FE 500, FE 550, FE 600 Grade Steels are available. We are also working in collaboration with the Motology Dept. of India (northern wing) towards the research for FE 750 Grade Steel.

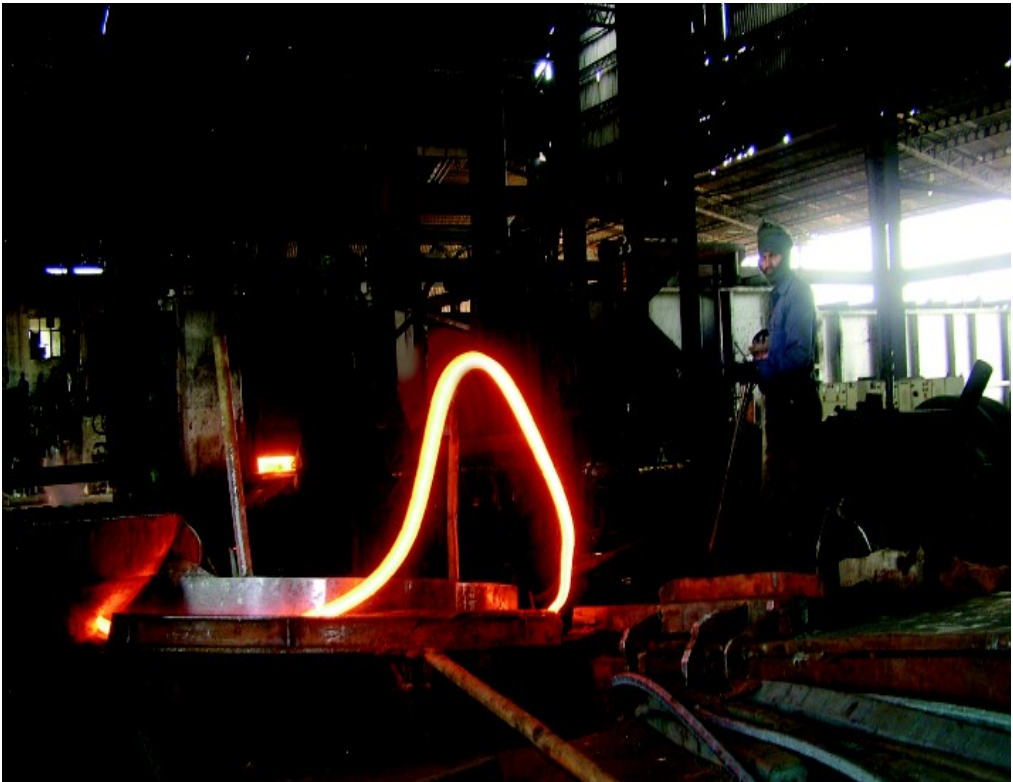




It's the perpetually growing trust of people and our supreme commitment to quality that has seen the production and sales of Amravati TMT bars grow exponentially in the past 5 years. The company

constantly endeavours to set the highest standards of quality in terms of strength, reliability and customer satisfaction. The Amravati Management firmly believes that it's the trust and the satisfaction of the customers that is the

biggest reward. We take pride in your trust and are dedicated to give you the best.





Amravati TMT Advantage



TURBOQUENCH Advantage

We are the authorized manufacturers of TURBOQUENCH TMT bars, the certificate of which is attached further in this book. It is a revolutionary technology that makes high strength TMT bars with excellent ductility and ensures good weldability. It provides optimal physical properties to the bars while lowering the consumption of alloys. It's an efficient technology with zero discard through quality control and increased yield in continuous casting and steel melt shop.

The TURBOQUENCH process is the most modern process for the high quality rebars in the world. The requisite water process is maintained by opening a number of nozzles to bring down the temperature of the bar from 1000° C to the required temperature in seconds. This process is called a quenching operation. As soon as this quenching is stopped the surface laser is tempered by using the residual heat left in the core of the bar (self tempering of the site

laser) hence the name TURBOQUENCH. Tempering temperature is kept between 600° C to 680° C; further the bars are subjected to normal air cooling to ambient temperature at the cooling bed.

