



MTC GROUP™
METTLE MAKES US



CM/L-4639980



MTC TMT
ECO 550™



TRUE STEEL

www.mtctmt.com



With our feet firm on the ground of achievement and vision soaring towards progress, we are poised for ultimate success

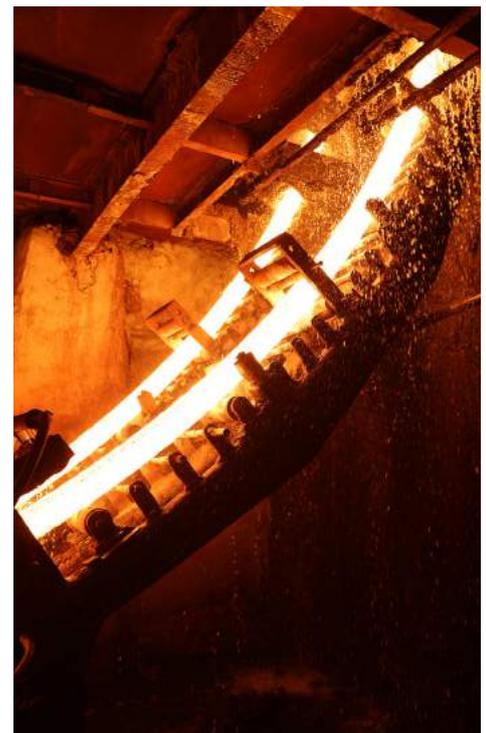


Established in 1974, MTC Group is a business organisation that deals with over 2.2 million tonnes of metal annually, across its trading, recycling and manufacturing operations. With over 40 years of experience and in-depth knowledge, the company is rated amongst the leading manufacturing, trading and recycling company in the country. Headquartered in Mumbai, MTC Group is domestically spread across 12 cities with 18 yards that deal in ferrous and non-ferrous scrap, Ferro-alloys, base and minor metals, e-waste and bulk commodities. With a total manufacturing capacity of over 350,000 MT p.a. across 5 facilities in India, it produces MS Structural Steel, TMT Bars, Aluminium Ingots and Copper tubes.

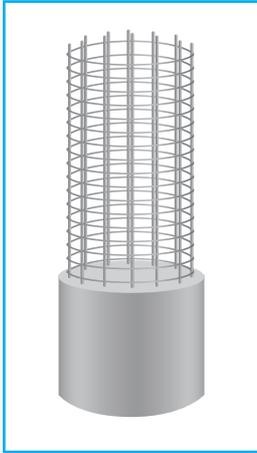
The Group has its global presence with 4 international offices across USA, UK, UAE, and Singapore. The company aims at minimizing waste and effectively utilizing resources by recycling scrap into the best quality TMT Bars, and supplying to industries across India.

TMT BARS BY MTC GROUP

- TMT Bar is the backbone of every construction work and selecting a superior quality TMT bar is very crucial for the success of construction projects.
- MTC Group manufactures high quality TMT Bars in India to address the need for its national and international clients. TMT Bar made by MTC Group is built with an everlasting strength and firm stability with a better elongation .
- The manufacturing process of MTC TMT ECO 550 involves the use of best quality raw materials backed by Modern Thermex Technology to make it ultra-strong & long lasting.
- If you desire to build a long-lasting construction that may remain unaffected from various natural and unnatural risks, it is essential that you make use of TMT bars that are of high-standards just like MTC TMT ECO 550.



MTC TMT GRADE



ECO FE 550

MTC ECO available in FE 550

Diameter	8 mm
	10 mm
	12 mm
	16 mm
	20 mm
	25 mm
	32 mm

CHEMICAL COMPOSITION

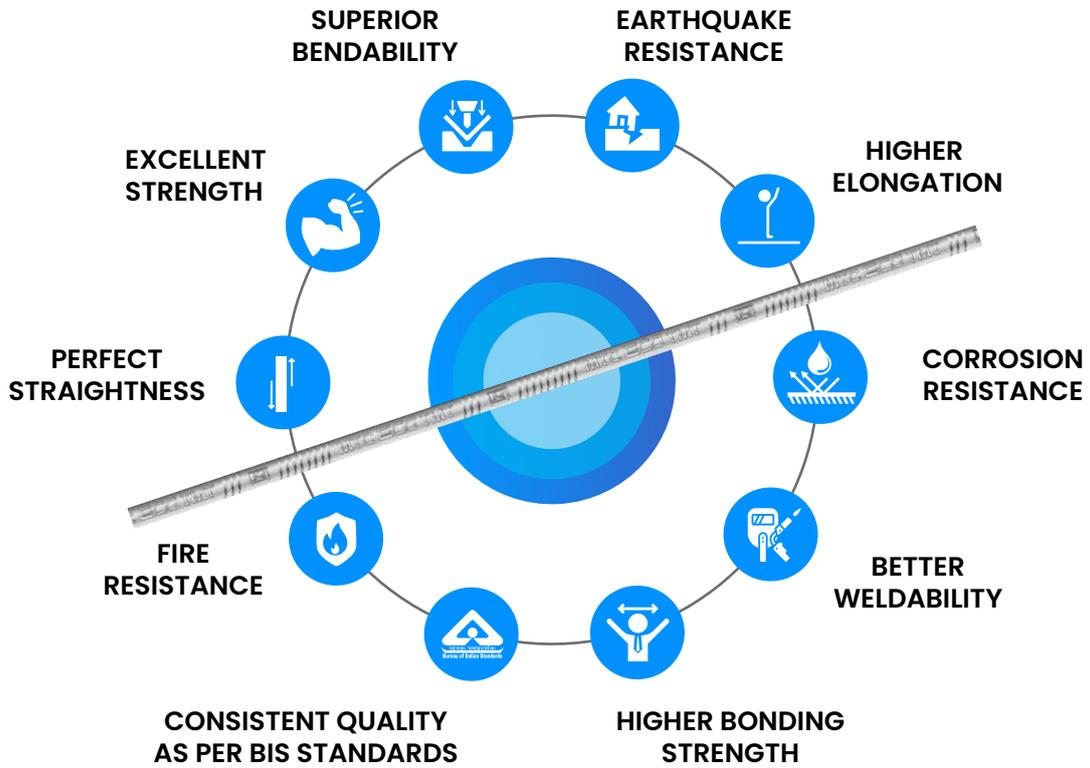
Parameter	BIS Standard (IS: 1786-08)	MTC TMT ECO 550
Carbon % (Max)	0.30	0.25
Sulphur% (Max)	0.55	0.50
Phosphorus % (Max)	0.50	0.50
Sulphur+ Phosphorus % (Max)	0.100	0.95
Carbon Equivalent % (Max)	0.42	0.38

MECHANICAL COMPOSITION

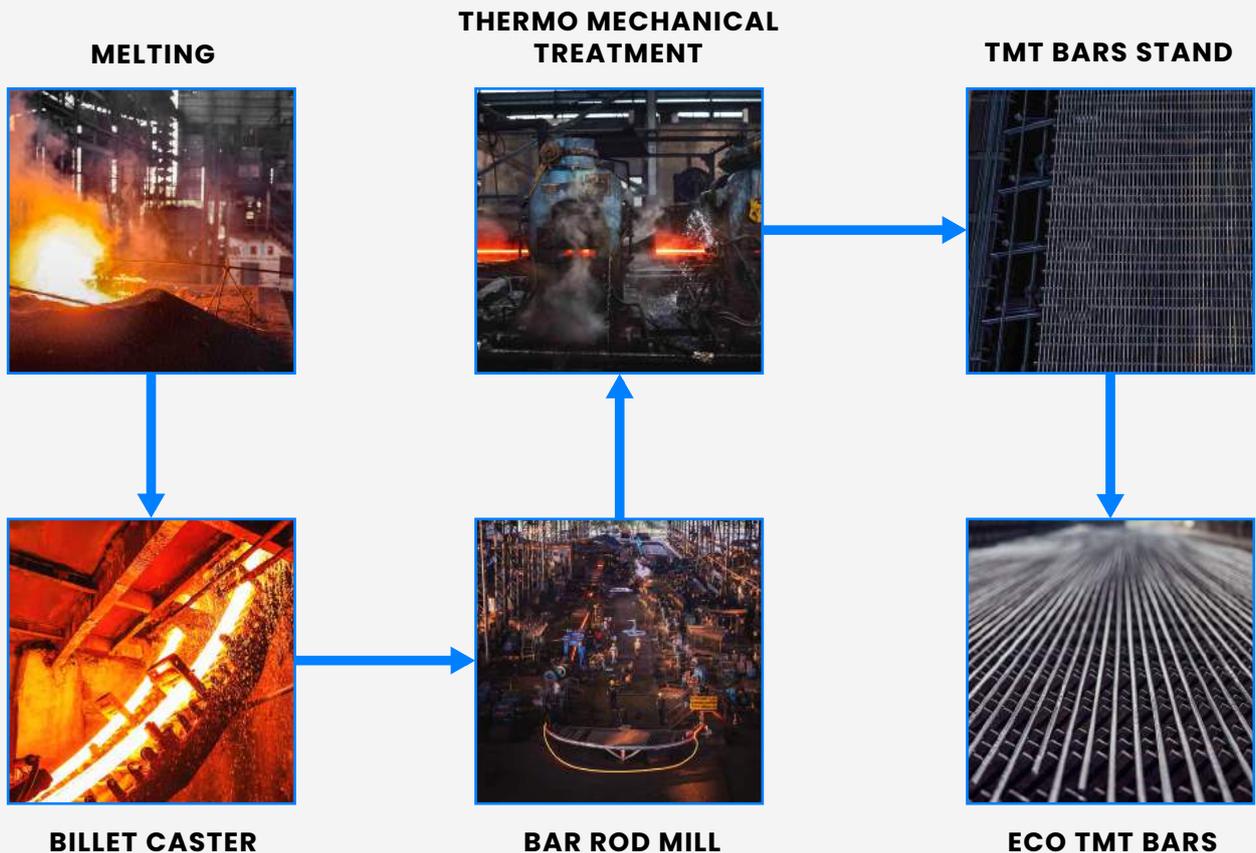
Parameter	BIS Standard (IS: 1786-08)	MTC TMT ECO 550
Yield stress (min) in N/Sq.mm	550	580
Tensile Strength (min) in N/Sq.mm	585	650
Elongation (min)%	10	16
Tensile Strength/Yield Stress Ratio (min)	1.06	1.15

MTC TMT ECO 550

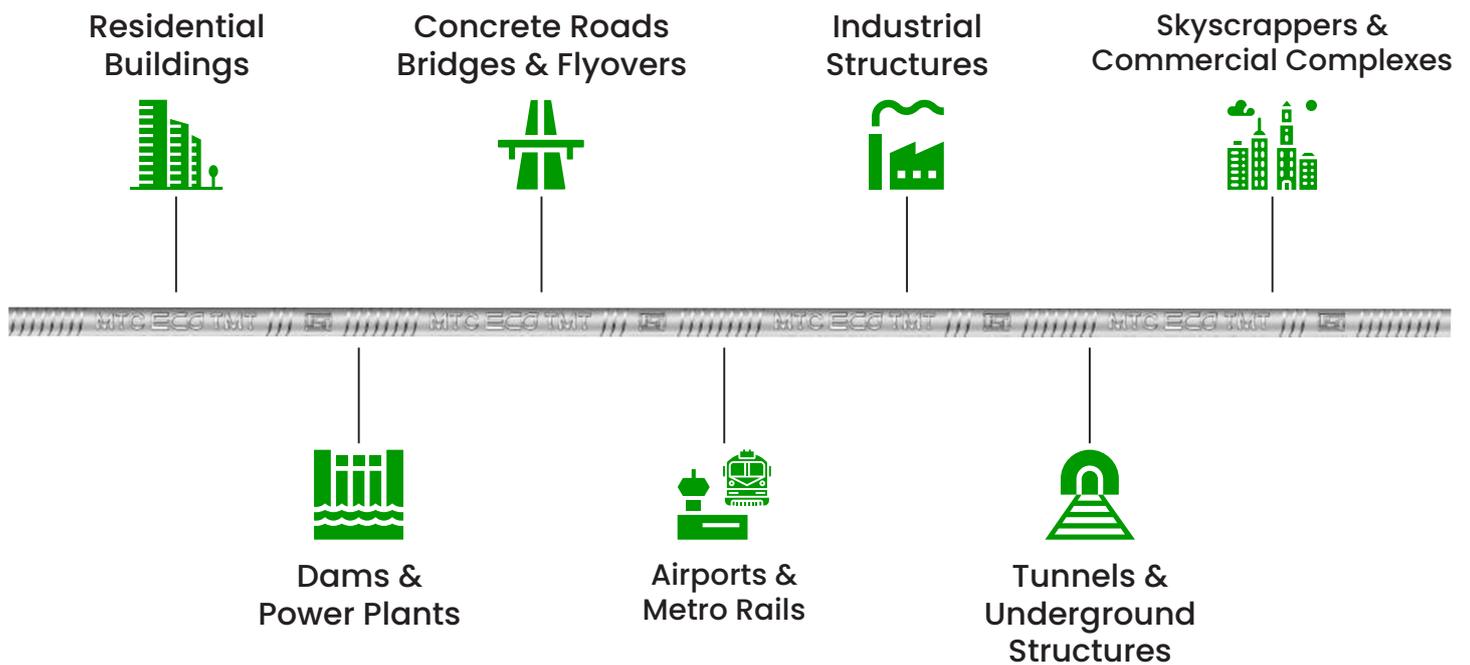
SALIENT FEATURES



MANUFACTURING PROCESS



MTC TMT BARS USES & APPLICATIONS



THERE ARE A FEW CRUCIAL ASPECTS THAT YOU MUST CONSIDER WHILE LOOKING FOR MTC TMT ECO 550 FOR YOUR NEXT CONSTRUCTION PROJECT.

- Each bar must have a MTC TMT ECO 550 logo which ensures that it's a top-quality re-enforcement bar.
- Make sure the TMT bar is manufactured by an ISI - ISO Certified Brand like the MTC TMT ECO 550.
- Check the maximum extent of the elongation of the bars.
- The bar ribs must be sharp for the strongest bonding with cement.
- It must bend easily.
- It must have a good combination of strength and ductility.
- The weightage of the bar must meet the Bureau of Indian Standards (BIS) .



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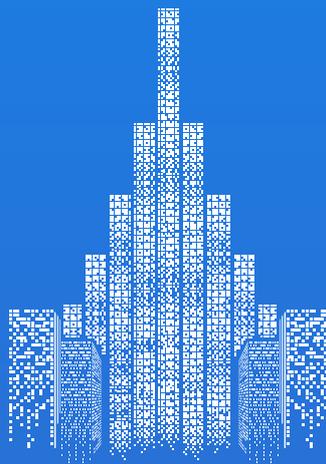
MANUFACTURING PLANTS IN INDIA

HOSPET & BANGALORE , Karnataka

MTC Group's Steel Manufacturing Plant located in Hospet, Bangalore is one of India's leading integrated steel manufacturing plants with vast manufacturing and supplying capacity.

CHENNAI , Tamilnadu

MTC Group's Manufacturing Plant in Chennai produces premium quality mild-steel billets as well as medium and heavy structural steel according to the client's requirements.



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