



**TULSYAN** NEC STEEL

steel as **we** see it.

### **Non - standard CTD bars / TMT bars**

- Do not conform to ISI standard
- Length of bar is not uniform
- Bar not marked for identification and quality
- No colour coding
- Made from re - rollable scrap/ ingots
- Not made from fully killed steel
- Low in yield strength, tensile strength and elongation
  
- Not anti-corrosive
  
- No test certificate issued
- Low bond strength
- High loss due to wastage because of use of non-standard material
- Not earthquake resistant
- Not resistant to high temperature
- No after-sales service

### **TULSYAN TMT BARS**

- Conform to IS: 1786 standard
- Length of bar is uniform
- Each bar is marked TULSYAN ISI
- Green colour coding for Fe-415, Blue for Fe-500, Yellow for CRS
- Made from billets
- Made from killed steel
- High in yield strength, tensile strength & elongation because of superior TMT process used
- Anti-corrosive due to cleaner steel, presence of martensite layer on outer surface and formation of protective scale film due to water quenching  
Test certificate issued with respect to each supply
- High bond strength due to designed deformation
- Minimum wastage as product is standardized
- Earthquake resistant due to high ductility
- Fire resistant up to 500 C without loss of strength
- Excellent after-sales service