

1.8 Summary

Steel, with its high strength to weight ratio and ductility is the most suitable material for modern construction. The physical properties of steel are a function of its metallurgy and manufacturing process. Rolled steel sections of standard dimensions are available in the market for use in construction. However, it is important to design and protect steel structures against corrosion, fire and fatigue and guidelines for this are available in the code IS 800 and other references.

