

1-7 A992

1-8 Wrought Iron: very low carbon content
($\leq 0.15\%$)

Cast Iron: very high carbon content
($\geq 2.0\%$)

Steel: Carbon content in the range
of 0.15% to 1.7%

1-9 Mild steel carbon range 0.15% to 0.29%

1-10 Corrosion, Fireproofing Costs, Susceptibility
of Buckling, Fatigue, or Brittle Fracture.

1-11. Insufficient size and strength, Details
of Connections, Deflections, Erection
problems, or Foundation settlement.

SFC ✓

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