

6. Centrifugally moulded cast iron pipe in which the rapidly cooled outer annulus consists of a cementite austenitic structure is very resistant to external corrosion. Annealing such a pipe destroys to a large extent its corrosive resisting properties. This is due to the transformation of the non-corrodible eutectic into ferrite and graphite.

7 A corrosion resisting steel or iron can be manufactured by producing this cementite-austenitic eutectoid on the surface exposed to the corrosive medium.