

Objectives

1. To analyse the doubly reinforced flanged sections using assumptions made in working stress method
2. To find expression for critical depth of neutral axis
3. To find the expression for actual depth of neutral axis for doubly reinforced flanged beam when the neutral lies within the flange and outside the flange.
4. To derive the expression for moment of resistance of doubly reinforced flanged beam when the neutral lies within the flange and outside the flange.