

## **IS 7320: 1974 Concrete Slump Test Apparatus - Specification**

The Concrete Slump Test apparatus is designed to evaluate the workability of fresh concrete. The main components include a conical mould, a base plate, and a measuring scale. The mould, typically 300 mm high with a 100 mm top diameter and 200 mm bottom diameter, is filled with concrete in three layers, each compacted with a standard rod. After filling, the mould is lifted vertically, allowing the concrete to settle, and the slump is measured by the difference in height between the mould and the top of the concrete.

The result indicates the consistency of the mix; a higher slump value suggests greater workability. This test is essential for ensuring proper concrete placement and performance in construction projects.