

PROCTOR COMPACTION

BE 19

Soil compaction is critical for constructing stable earth structures like dams, reservoirs, canal embankments, highways, railways, and runways. The relationship between soil moisture content and compacted dry density is key for establishing construction specifications and ensuring quality control of earth fill. When designing earth or earth-retaining structures, soil strength and deformation behavior are assessed by testing specimens compacted to the target density expected in the field. Quality control during construction involves verifying that the compacted soil's density meets the required standards, ensuring adequate strength.

The Two type compaction set available for one type Standard compaction and second type Modified, both are same only difference to the size.

STANDARD FOLLOWING

IS 2720 (Part 7), IS 2720 (Part 8), IS 9198, ASTM D 698, D 1557

DESCRIPTION

BE 19-01-A	Compaction Test Apparatus	100 mm ID, 127.3 mm height 1,000 ml volume
BE 19-01-B	light compaction test	2.6 kg x 310 mm fall
BE 19-01-C	heavy compaction test	4.9 kg x 450 mm fall
BE 19-02-A	Compaction Test Apparatus	150 mm ID, 127.3 mm height 2,250 ml volume

LIGHT COMPACTION BE 19-01-A



MODIFIED COMPACTION BE 19-02-B

