

Indian Standard

**METHOD FOR DETERMINATION OF
STRENGTH OF ROCK MATERIALS IN
TRIAXIAL COMPRESSION**

1 SCOPE

1.1 This standard covers the method for determination of strength of cylindrical rock specimens subjected to triaxial compression. This test provides Individual points on the failure (peak strength) envelope from several tests. From this the value of the internal friction angle ϕ and the apparent cohesion C may be obtained.

1.2 This standard does not cover (a) the multiple failure state test, and (b) the continuous failure state test wherein the failure envelope is produced with a single test employing a stepwise or continuous procedure.

2 REFERENCES

The following Indian Standards are necessary adjuncts to this standard.

<i>IS No.</i>	<i>Title</i>
1586 : 1968	Methods for Rockwell hardness test (B and C scales)
9179 : 1979	Method for preparation of rock specimen for laboratory testing