

Methods of testing rocks for engineering purposes

Method 4.3.2: Rock strength tests — Determination of the deformability of rock materials and uniaxial compressive strength — Rock strength less than 50 MPa



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Preface

This Test Method was prepared by the Standards Australia Committee CE-009, Testing of Soils for Engineering Purposes, to supersede AS 4133.4.3.2:2013.

The objective of this document is to specify the process for determining the uniaxial compressive strength (UCS), Young's modulus and Poisson's ratio of a regular cylindrical rock specimen with a length to diameter ratio of 2.5 to 3.0.

This document forms part of the AS 4133 series. A list of all parts in this series can be found in the Standards Australia online catalogue.

The major changes in this edition are as follows:

- (a) Revision of equipment usage to include current measuring apparatus.
- (b) Incorporation of advances in performance of the test method.

The term "informative" is used in Standards to define the application of the appendices to which it applies. An "informative" appendix is only for information and guidance.

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