



CETANZ

Civil Engineering Testing Association New Zealand

A Collaborating Technical Group of the Institute of Professional Engineers New Zealand Inc

Sources of information relating to Civil Engineering Testing and Civil Engineering Materials for Laboratory Technicians.

The following is a list of literature and resources that may be helpful to those that work in civil engineering testing laboratories.

- Manual of Soil Laboratory Testing: 3rd edition Volume 1: Soil Classification and Compaction Tests By K.H. Head

- Manual of Soil Laboratory Testing: 3rd edition Volume 2: Permeability, Shear Strength and Compressibility Tests By K.H. Head

- Manual of Soil Laboratory Testing: 2nd edition Volume 3: Effective Stress Tests By K.H. Head

- Soil Test Manual: Procedures, Classification Data and Sampling Practices By Robert W Day

- Geotechnical Laboratory Measurements for Engineers By John T. Germaine and Amy V. Germaine

- Laboratory Testing of Soils, Rocks and Aggregates By N Sivakugan, A Arulrajah and M W Bo

- Concrete Technology By A.M. Neville and J.J. Brooks
- Properties of Concrete by A.M. Neville.
- Engineered Concrete: Mix Design and Test Methods By Irving Kett
- Concrete Materials, Second Edition: Properties, Specifications, and Testing by Sandor Popovics
- Asphalts in Road Construction By Robert N Hunter
- The Aggregate Handbook by Richard D. Barksdale Ed
- Aggregates: Sand, Gravel and Crushed Rock Aggregates for Construction Purposes (Geological Society Engineering Geology Special Pub. No.17) by G. West , P. G. Fookes , etc
- The testing of bituminous mixtures;; A laboratory handbook concerning road and building materials (The Roadmakers' library)by Donald C Broome (Author)
- AGS Guide to the Selection of Geotechnical Soil Laboratory Testing, Association of Geotechnical and Geoenvironmental Specialists, Feb 1998 (amendments to Chapter 6 – 2006)
- Significance of Tests and Properties of Concrete and Concrete-Making Materials, ASTM STP 169D Joseph Lamond and James Pielert, editors, 2006
- Field Description of Soil and Rock, Guideline for the Field Description of Soil and Rock for Engineering Properties, NZ Geotechnical Society Inc. Dec 2005.
- Pavement Investigation, Guide to Field Inspection and Testing, VicRoads Technical Bulletin No.40, December 1995.
- AASHTO
Standard Specifications for Transportation Materials and Methods of Sampling and Testing, American Association of State Highway and Transportation Officials (AASHTO), (31st Edition), 2011 Edition.

- ASTM International Standards formerly known as the American Society for Testing and Materials (ASTM)
- British Standards
- Australian Standards