



Technical Manual TM 3-34.43 (FM 5-472) McRp 3-17.7h Navfac Mo 330 Afh 32-1034 Materials Testing May 2015 (Paperback)

By United States Government Us Army

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Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Materials Testing provides the technical information necessary for military personnel to obtain samples and perform engineering tests and calculations on soils, bituminous paving mixtures, and concrete. These tests and calculations are required to achieve proper design with soils, bituminous paving mixtures, and concrete and to achieve adequate control over their use in military construction. This manual covers soils, aggregates, bituminous cements, bituminous paving mixtures, portland cement concrete, and stabilized soil, including stabilizing agents (bitumens, cements, lime, fly ash, chemical modifiers). It gives detailed instructions for taking adequate representative test samples and step-by-step procedures for making physical-properties tests and for recording, calculating, and evaluating test results. This manual explains methods for designing bituminous paving mixtures and stabilizing soil. It also gives the procedures and tests required to control the manufacturing of these mixtures. It describes the tools and equipment needed for performing tests and contains general instructions for the care, calibration, and use of test equipment. This manual is adopted for use by the United States Marine Corps (USMC), United States Navy (USN), United States Air Force (USAF) personnel. Certain tests and procedures...

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