



**US Army Corps
of Engineers®**
Engineer Research and
Development Center

Corps of Engineers Materials Testing Center

Description The U.S. Army Corps of Engineers' Materials Testing Center (MTC) is committed to providing quality materials testing in a timely fashion at a reasonable cost. In addition, MTC supplies inspection services of commercial laboratories for quality assurance and quality control testing. Located at the ERDC Waterways Experiment Station site in Vicksburg, MS, the MTC is the only agency authorized to validate commercial laboratories to work for the Corps of Engineers.

Capabilities The Center's state-of-the-art and, in many cases, unique material testing equipment provides quality results. The MTC staff offer expertise in conducting material testing in the areas of geotechnical, concrete, materials, structural engineering, and airfields and pavements. The MTC has both the capabilities and personnel to provide laboratory inspections in accordance with American Society for Testing and Materials (ASTM) standards.

Supporting Technology A centralized testing facility provides comprehensive capabilities, including small-scale to large-scale, specialized, conventional, and nondestructive testing of materials.

The [MTC Web site](#) provides additional information for potential users, including Inspection Request Forms, Inspection Checklists, Schedule of Charges for testing and services, and a listing of validated laboratories (by state).

Benefits The MTC's testing and inspection services provide efficient, cost-effective support to the Corps' material testing needs. MTC testing complies with current Corps and ASTM Standards, and the inspection services can include both on-site and desk audit inspections. In addition, a comprehensive, timely report is furnished for every laboratory inspection.

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MTC's large-scale test chamber