

Within the multinational structure of **MTIC Group**, there is a **geotechnical laboratory** where the mechanics of soil and rocks and their application to engineering works are studied, through the use of all the equipment provided for in **circular 7618/STC** of 08 September 2010 "**Execution and certification of tests on soil and rocks**".

With the authorization of the **Ministry of Infrastructure and Transport** for the execution and certification of tests on soil and rocks (sector A - Circular 7618/STC), in our laboratory **MTIC InterCert Srl** can be carried out the main geotechnical investigations divided into the following test sectors:

GEOTECHNICAL TESTS

Particle size analysis, Atterberg limits, AASHTO compaction test, CBR bearing capacity index, shear tests, triaxial tests, edometric tests, permeability tests.

AGGREGATED

Particle size analysis, sand equivalent, shape and flattening index, shell content, methylene blue test, Micro-Deval wear resistance, Los Angeles fragmentation resistance, density and absorption, smoothness and abrasion test, potential reactivity to alkalis, petrographic analysis.

ON-SITE TESTS

Plate load tests carried out with test methods in accordance with Italian, Swiss and German standards, on-site density, on-site CBR, pile load tests, material removal by core drilling

