Construction Materials Testing

This service provides a combination of construction materials testing (concrete, soils, steel, agglomerates, pavements, ceramics, etc.) and operational tests (weatherproofing of facades and covers, installations, metallic structures, load testing, pilot continuity, acoustics, vibrations, etc.).

THE Applus+ SOLUTION

Applus+ provides its customers with a global service based on quality and excellence, drawing on more than 20 years of experience in the field. Our laboratories test all kinds of construction materials and work in the following areas:

- **Materials**: steel-reinforced concrete, steel structure welding work, soils-aggregates-coated materials, geotechnics, ceramic elements, concrete elements and concrete pavements.
- **Verification of metal structures in the workshop and on-site**: non-destructive testing (NDT), destructive testing, bolted joints, connectors, preparation and protection of services, fire protection, etc.
- **Operation testing**: load testing, weatherproofing of facades and covers, adherence of finishings, thicknesses of insulation and protection, testing of drains and facade-closing systems in situ.
- **Reception and operational testing**: electrical, sanitary, air-conditioning, solar installations, etc.
- **Acoustics and vibrations**: acoustic insulation, construction work noise levels, vibrations, etc.

Target customers

This service is required by construction companies, public administrations, building developers, building contractors, public entities, engineering companies and architects.
We ensure the correct completion of construction work, with quality testing of the materials used in the construction process, as well as during the operational phase if required.

Quality control must begin at the start of construction work in order to identify and accomplish all of the project’s contractual and technical requirements.

Key customer benefits

With its construction-materials service, Applus+ offers its clients:

- Peace-of-mind afforded by our professional quality assurance and quality control of construction materials and methodologies
- In-depth, accurate information and advice provided by highly skilled technicians using market-leading inspection practices

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