BUILDING'S TECHNICAL CONDITIONS ASSESSMENT CENTER
ნაგებობათა ტექნიკური მდგომარეობის შეფასების ცენტრი

Accuracy that creates safety

Construction Materials Testing Laboratory of "Building's Technical Conditions Assessment Center" LLC

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Independent and objective quality control

2020: The company is founded.

2021: Active laboratory operations begin.

ISO/IEC 17025/2017/2018: accreditation in line with international standards.

Our mission is proper quality control of materials in Georgia’s construction sector, using ultra-modern technologies and strict adherence to international standards (ISO, EN, GOST, ASTM).

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National infrastructure, laboratory services across all of Georgia



Batumi Branch

258a Fridon Khalvashi Ave.

Full laboratory and field services

Tbilisi Branch

13 Tvalchrelidze St.

Strategic expansion – accreditation obtained in June 2025

Two strategic centers allow us to respond instantly to construction needs at any point in the country.

Highly qualified staff and ultra-modern technology

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Experienced experts and young, highly qualified specialists who ensure the flawless accuracy of every study.

The laboratory is equipped with top-class equipment from the European manufacturer “CONTROLS”.

Highly qualified staff and ultra-modern technology

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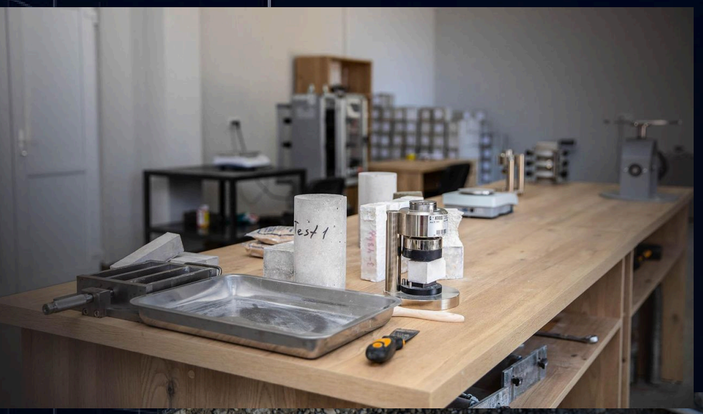











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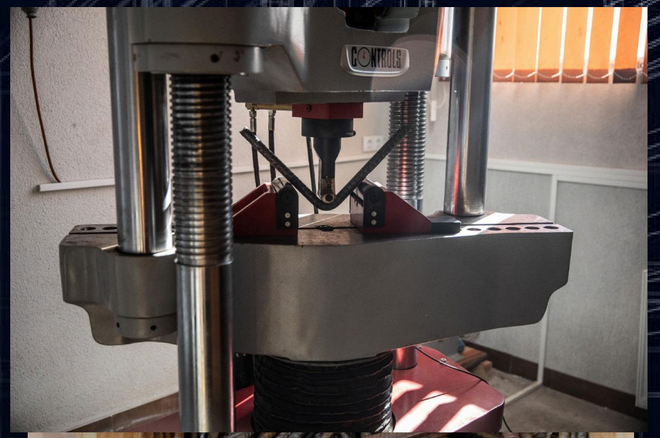

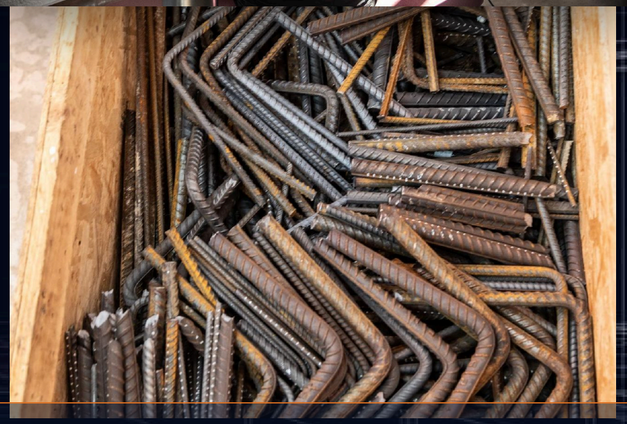

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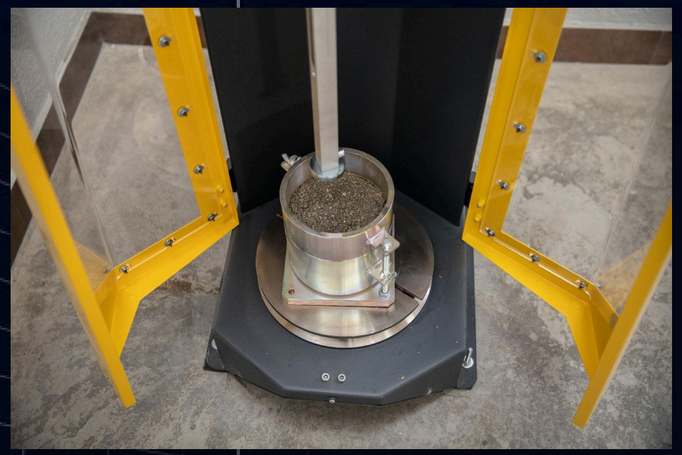









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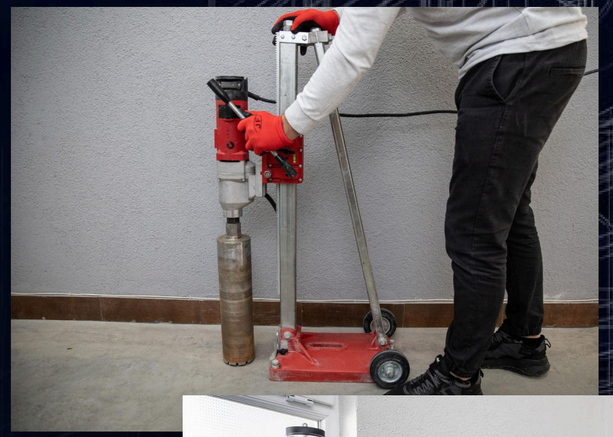

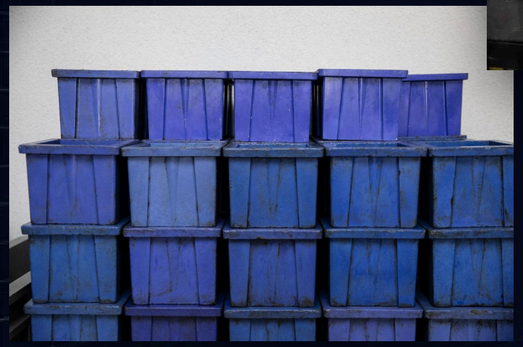

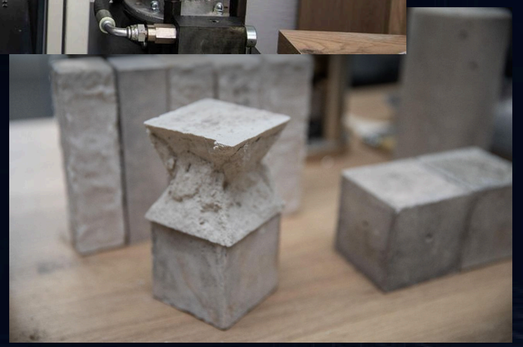



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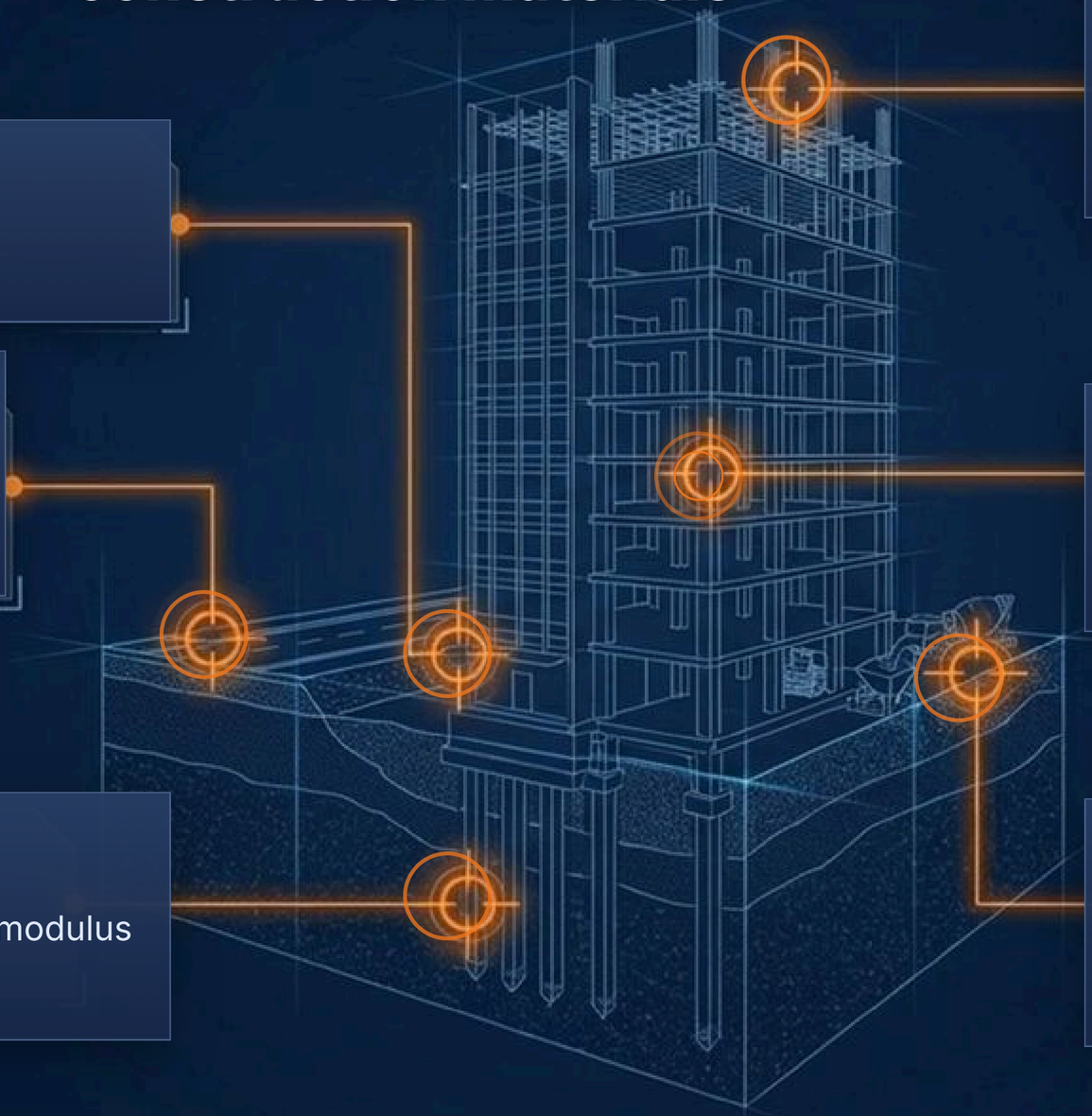
What we test: 6 areas of laboratory testing of construction materials



3. Reinforced-concrete structures

(pile integrity control)

2. Non-metallic and road materials

(sand, crushed stone, grain-size composition)

1. Soils

(natural moisture, density, dynamic modulus of deformation)

6. Finished rolled black metal

(rebar testing in tension and bending)

5. Concrete

(compressive strength, water impermeability, cone slump)

4. Cements

(setting times, compressive and flexural strength)

Quality control of construction materials at every stage of construction – from foundation to roofing

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Stage 1 – Earthworks and preparation

- Laboratory testing of soils (dynamic modulus of deformation, compaction quality)
- Testing of road and non-metallic materials.



Stage 2 – Foundation

- Qualitative assessment of cement.
- Pile integrity check



Stage 3 – Main structure, frame

- Control of the concrete mix and of hardened-concrete strength.
- Tension and bending tests of the reinforcement used in reinforced-concrete structures.



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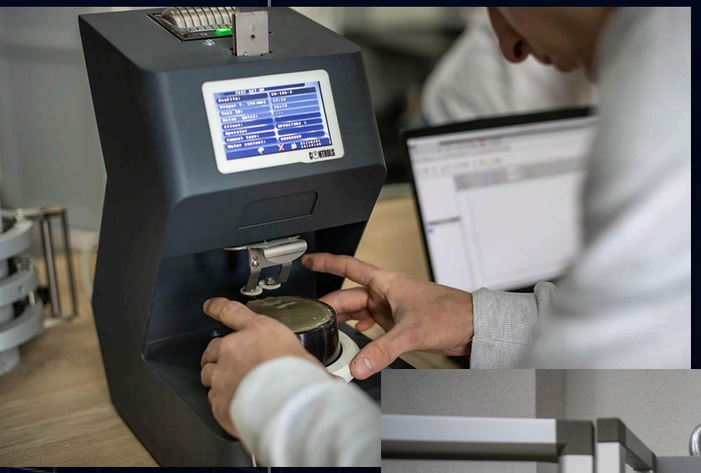
Field and laboratory expertise











In the laboratory:
Analysis of the physical and mechanical properties of materials with maximum accuracy.

On the construction site / in the field:
Taking samples from the object for subsequent laboratory testing.

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Who entrusts us with the most strategic facilities?

Maximum accuracy that ensures the safety of national-scale mega-projects.



Enguri HPP

A strategic facility of national importance. Our center carried out comprehensive laboratory studies in the process of assessing the technical condition of the Enguri HPP.

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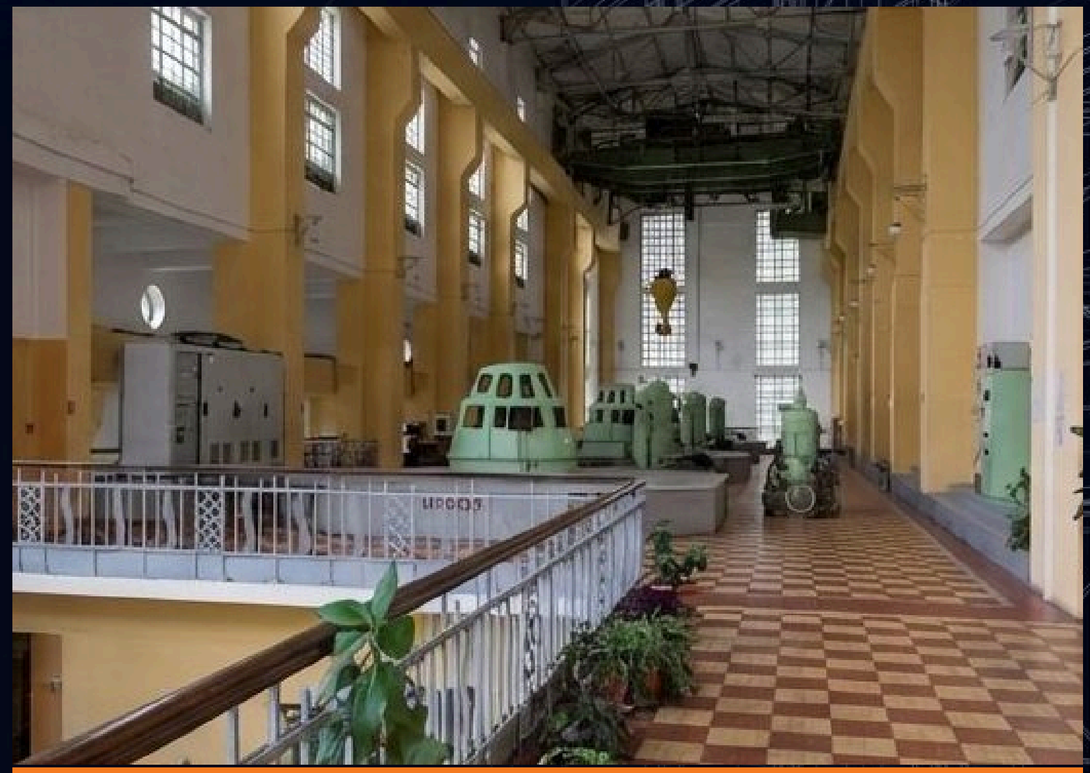
Industrial and energy infrastructure



Khrami HPP II. Technical-condition expertise and laboratory studies of the hydroelectric power plant.



Khrami HPP I. Structural assessment of heavy industrial structures.

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The choice of industry leaders

The most demanding developers and general contractors choose quality control without compromise.

VR HOLDING

TANAGI

ELEMENT CONSTRUCTION

ALLIANCE GROUP

AMBASSADORI ISLAND BATUMI

ORBI BUILDING DEVELOPMENT

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Tonino Lamborghini TOWER BATUMI

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Let’s work together for the safety of your next project

Construction Materials Testing Laboratory of “Building’s Technical Conditions Assessment Center” LLC

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E-mail: buildinglab@bac.ge	**Tbilisi branch:** 13 Tvalchrelidze St.