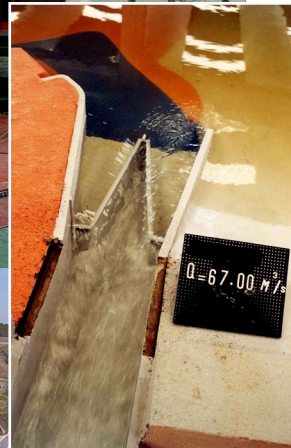




LABORATÓRIO NACIONAL
DE ENGENHARIA CIVIL

Address: Av. do Brasil, 101 / 38°45.509' N 9°08.462' W / [Google Maps](#)
Buses 750, 745 and 83 stop at LNEC's main entrance; bus 44 stops nearby.
Metro / Subway station: "Alvalade", North hall (Green Line / Linha Verde).



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International Technical Translation Conference

tradulínguas

Lisbon, Portugal

28 / 29 MAY 2010

Technical Visit

THU / 27 MAY 2010

Visit Program

Interested in joining us for this visit?
Just check the appropriate box at the Registration Form

09:30 until 09:45

Gathering of participants at the Reception Hall (main building).

10:00

Video presentation of LNEC's history and activities (Auditorium).

Visit to the **Concrete Dams Department**, where the following studies are conducted:

- characterization of structural properties and actions;
- development and analysis of mathematical and physical models for simulation studies or for the interpretation of the behavior of works, both for current scenarios and for failure scenarios;
- observation of the behavior of works, both through the planning and placement of observation systems, and through the analysis and interpretation of observation results.

Observation of dams physical models, construction methods and tests.

Visit to the **Hydraulics and Environment Department** responsible for Research and Technological Development activity (R&TD) in the field of water. Observation of several hydraulic structures and equipment: dam spillways, dam outlets, water intakes, river diversions, pumping stations, dam appurtenances and reservoirs and hydraulic circuits.

Visit to the **Earthquake Engineering and Structural Dynamics Division**. This division develops R&D activity in the fields of Earthquake Engineering and operates two shaking tables (triaxial and uniaxial). A large majority of the studies are performed in cooperation with other European research institutions. Observation of the biggest Triaxial Shaking Table in Europe for the seismic testing of structures.

Visit to the **Harbors and Maritime Structures Division** testing pavilion (6500 square meters). Observation of testing flumes and basins for hydraulic model studies. Basins are used for three-dimensional studies of structure stability and wave penetration. Flumes are used for stability and overtopping tests of maritime structures.

Some of the facilities mentioned above may not be available at the time of the visit, due to operational restrictions.