



LABORATÓRIO NACIONAL
DE ENGENHARIA CIVIL

**TESTING
and METROLOGY**

UEP

Prefabricated Elements
Laboratory

BUILDINGS DEPARTMENT

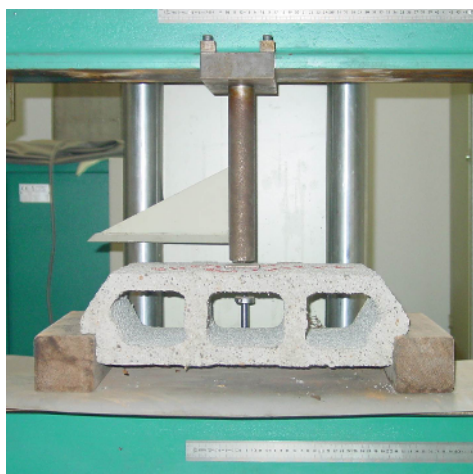
Av. do Brasil 101 • 1700-066 Lisboa • PORTUGAL
tel. (+351) 21 844 30 00 lnec@lnec.pt

www.lnec.pt

Scope

The Prefabricated Elements Laboratory (UEP) is part of the Building Quality, Economics and, Management Unit of LNEC's Buildings Department.

The primary objective of UEP's activity is to support the assessment of the quality and performance of primary construction elements and innovative construction systems.



Highlights

In addition to testing activities in support to the technical assessment and approval of building products and systems, UEP provides other testing services, particularly in support to the factory production control and to the development of new building products and systems.

In this context, UEP also offers the possibility of performing, in partnership with other units, some tests on experimental models of full-scale building elements.



Field of expertise

UEP is equipped with the technical and human resources required to perform the relevant tests on prefabricated elements and corresponding connection elements for buildings, in particular:

- Floor and roof elements (beams, hollow core slabs, floor plates, blocks, purlins and metal sheets);
- Wall elements (masonry blocks and panels);
- Connection elements (anchors, masonry mortars, grouts and ancillary).

