

A DPWH Accreditation for the • UC Soil & Materials Testing Lab •

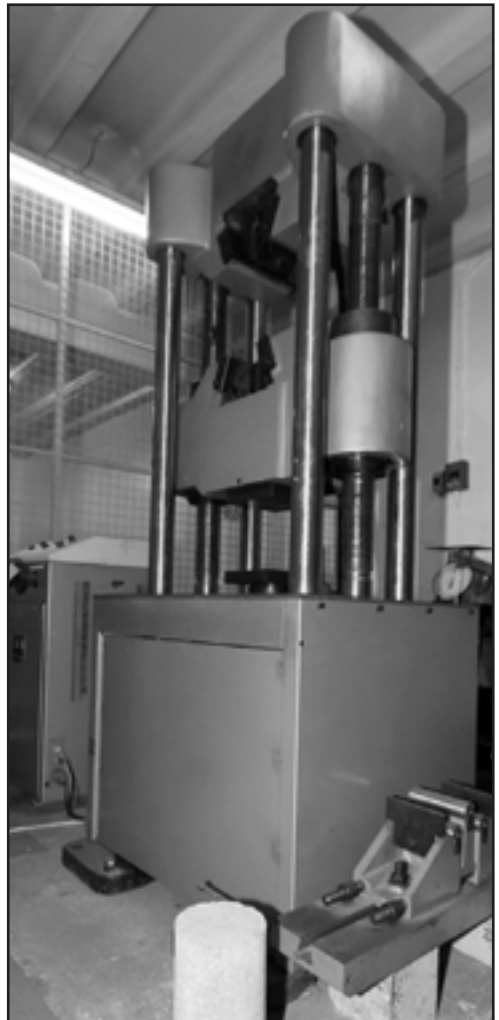
The Department of Public Works & Highways recently accredited the UC Soil & Materials Testing Laboratory as a facility for determining construction standards. The facility is managed & operated by the UC College of Engineering & Architecture (UC CEA).

This ensued after Director Antonio V. Molano Jr., DPWH Bureau of Research Standards head, issued the certificate of accreditation authorizing UC to conduct:

- Tests on Soil and Soil Aggregates
- Tests on Coarse Aggregates
- Tests on Fine Aggregates
- Tests on Concrete
- Tests on Concrete Hollow Blocks
- Quality Tests of Steel
- Tests on Galvanized Steel Sheets and Wires

Accreditation of UC-CEA Soil & Materials Testing Laboratory (UC-CEA SMTL) came after the facility was inspected by a DPWH evaluating team. A rigorous testing & calibration of equipment was then administered by a DPWH-accredited firm. Not even the recently acquired Universal Testing Machine (UTM) was spared recalibration to ensure accurate readings in compression, tension, and flexure tests on concrete and steel.

With the DPWH accreditation, UC CEA SMTL joins the ranks of certified facilities authorized to perform benchmark tests for soils and materials utilized in public and private infrastructure projects.



UC's newly-acquired Universal Testing Machine --- capable of undertaking compression, tension and bending tests on both concrete and steel.



Testing facilities for concrete and soil.

The UC Lab is 1 of 8 accredited facilities in Northern Luzon

• Service Beyond the Walls of the Academe •

Intertwined with UC's thrust in providing professional education --- is UC's commitment to serve beyond the classroom walls. The DPWH accreditation has broadened UC's community services to encompass providing an academe-based technical services venue for upholding construction standards.

The DPWH accreditation establishes the UC Testing Laboratory as 1 of 8 materials testing facilities in Northern Luzon --- now open to structural builders and contractors who require official certification on :

- | | | |
|------------------------|-----------------|-----------------------|
| • grading | • abrasion | • concrete strength |
| • plastic/liquid limit | • CBR | • hollow block |
| • moisture content | • direct shear | strength |
| • specific gravity | • field density | • steel strength |
| • unit weight | • wash loss | • steel sheet coating |
| • compaction | • absorption | • steel wire coating |

• Qualified Technical Experts •

In line with the UC lab's mission to provide 'Fast, Accurate and Reliable' test reports, only registered & qualified engineers conduct tests and validation.

Engr. Meynard Badecao, a registered civil engineer and DPWH-accredited level 2 materials engineer, daily oversees the laboratory. To validate reports, the UC CEA has deployed a team of 3 licensed civil engineers, (Engr. Alma Aguilar, Engr. Nelson Notarte, Engr. Charlie Lamsis - all master's degree holders), who are likewise duly-accredited materials engineers.

The soil and materials testing team is under the supervision of the dean of the UC College of Engineering & Architecture, Benhur B. Quesada, MSCE.

• Client Friendly Procedures •

Availing of UC-CEA SMTL services is easy:

- Visit the UC CEA office (2nd floor, UC Main Building, Harrison Road corner Governor Pack Road).
- Request the CEA secretary for the lab testing forms & for an orientation.
- Pay the corresponding testing fee/s to UC cashier.
- Submit test specimen/s and official receipt to the SMTL.
- Retrieve signed and sealed test report/s from the CEA office.

For queries e-mail :

uccea_smtl@yahoo.com

call : Ms Marissa Moulic or

Dean Benhur B. Quesada

or leave your name & telephone no.

please for a return call.

UC CEA office : (074) 442 3316 ;

local 133 or local 141



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