



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

1843
Dr.M.Yousaf

To: Mr. M. Asif Bajwa (Resident Engineer)
PU Lahore. (M/s Progressive Consultants Pvt. Ltd.)
Project: Construction of Institute of Energy and Environmental Engineering at University of Punjab QAC, Lahore.
Our Ref. No. CL/CED/ 4936 Dated: 17-09-21
Your Ref. No. RE/PCL-562/IEER/PU/157 Dated: 03-09-21

Test Specification
(----)

COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 03-09-21 Tested on: 17-09-21 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (met.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	MT	---	---	---	8.8x4.3x2.9	---	3168	37.84	46	2679	---	---
2	MT	---	---	---	8.7x4.3x3.0	---	3154	37.41	48	2828	---	---
3	MT	---	---	---	8.8x4.3x2.9	---	3208	37.84	49	2854	---	---
4	MT	---	---	---	8.7x4.4x2.8	---	3172	38.28	49	2821	---	---
5	MT	---	---	---	8.8x4.3x3.0	---	3208	37.84	48	2796	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory