



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.

9818
 Dr. M. Yousaf

To: Resident Engineer
 Metroplan-Asian JV, Site Office, NSICTR, Phase-1, Pkg (B&C)

Project: Establishment of Nawaz Sharif Institute Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (Package-C). (Manufactured by Smart Concrete)

Our Ref. No. CL/CED/ 8915

Dated: 17/07/2025

Test Specification

Your Ref. No. Metroplan-Asian (JV)/NSICTR/RE-B&C/C/352

Dated: 14/07/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 17/07/2025 Tested on: 17/07/2025 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 (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Kerb Stone	---	---	---	6x6x6	---	7.8	36	59	3671	---	Cut Cube
2	Kerb Stone	---	---	---	6x6x6	---	8	36	97	6036	---	Cut Cube
3	Kerb Stone	---	---	---	6x6x6	---	8	36	76	4729	---	Cut Cube
4	Kerb Stone	---	---	---	6x6x6	---	8	36	74	4604	---	Cut Cube
5	Kerb Stone	---	---	---	6x6x6	---	8	36	74	4604	---	Cut Cube
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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