



**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
 University of Engineering and Technology, Lahore, Pakistan  
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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

3119  
 Dr. Aqsa

**To:** Assistant Director (Engg)  
 Walled City of Lahore Authority, Government of the Punjab.  
 Project: Conservation and Rehabilitation of Tomb of Baha-UI-Din Zakrya and Shrine Shah Rukne Alam, Multan.  
 Our Ref. No. CL/CED/ 8638      Dated: 20-04-22  
 Your Ref. No. CONS/WING/DIR (C&P)/WCLA/2022      Dated: 12-04-22

**Test Specification**  
 ( BS 1881-116 )

**COMPRESSION TEST REPORT**



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

Specimens received on: **13-04-22** Tested on: **19-04-22** 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	PCC	10	3	2022	6x6x6	---	8.2	36	64	3982	---	Engraved
2	PCC	10	3	2022	6x6x6	---	8.4	36	48	2987	---	Engraved
3	PCC	14	3	2022	6x6x6	---	8.2	36	97	6036	---	Non Engraved
4	PCC	14	3	2022	6x6x6	---	8.8	36	84	5227	---	Engraved
5	PCC	17	3	2022	6x6x6	---	8.2	36	80	4978	---	Engraved
6	PCC	17	3	2022	6x6x6	---	8.2	36	100	6222	---	Engraved
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