



**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
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8700

To: **Sub Divisional Officer**

Engr. Aamina

**Buildings Sub Division, Sialkot.**

**Project: Const. of Faculty of Nat. Sciences GCWU Sialkot. (ADP No.1329 for the Year 2017-18) Group No.1**

Our Ref. No. CL/CED/

8293

Dated:

03-06-19

Your Ref. No.

293/ST

Dated:

07-05-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-05-19 Tested on: 28-05-19 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
1	Strip Footing	1	4	2019	6x6x6	8.4	36	65	4050	Non Engraved
2	Strip Footing	1	4	2019	6x6x6	8.4	36	63	3920	Non Engraved
3	Strip Footing	1	4	2019	6x6x6	8.4	36	73	4550	Non Engraved
4	Strip Footing	4	4	2019	6x6x6	8.4	36	77	4800	Non Engraved
5	Strip Footing	4	4	2019	6x6x6	8.2	36	79	4920	Non Engraved
6	Strip Footing	4	4	2019	6x6x6	8.4	36	82	5110	Non Engraved
7	Strip Footing	9	4	2019	6x6x6	8.4	36	81	5040	Non Engraved
8	Strip Footing	9	4	2019	6x6x6	8.4	36	86	5360	Non Engraved
9	Strip Footing	9	4	2019	6x6x6	8.4	36	69	4300	Non Engraved
10	Beam	9	4	2019	6x6x6	8.2	36	50	3120	Non Engraved
11	Beam	9	4	2019	6x6x6	8.4	36	90	5600	Non Engraved
12	Beam	9	4	2019	6x6x6	8.4	36	75	4670	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports?id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing_reports?id=6)

\* 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" dia x 12" 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**