



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
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8191

Dr. Nauman

To: **Mr. Abdul Ghafar (Project Manager)**

Liberty Builders, Lahore.

Project: Construction Of Zee Avenue, 17-A Cooper Road, Lahore (Level +2'+6")

Our Ref. No. CL/CED/ 7533 Dated: 19-03-19

Your Ref. No. CONC-20190304 Dated: 04-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-03-19 Tested on: 12-03-19 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	438 (GF Column)	24	2	2019	6Diax12	14	28.28	73	5790	Non Engraved
2	439 (GF Column)	24	2	2019	6Diax12	14.4	28.28	79	6260	Non Engraved
3	440 (GF Column)	24	2	2019	6Diax12	14.2	28.28	87	6900	Non Engraved
4	444 (GF Stair wall)	24	2	2019	6Diax12	14	28.28	31	2460	Non Engraved
5	445 (GF Stair wall)	24	2	2019	6Diax12	14	28.28	37	2940	Non Engraved
6	446 (GF Stair wall)	24	2	2019	6Diax12	14	28.28	49	3890	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
8										
9										
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=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" 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