



**Plain and Reinforced Concrete Laboratory**  
**Department of Civil Engineering**  
University of Engineering and Technology, Lahore  
Phone Nos. 042-99029202, 042-99029217

8181

Dr. M. Yousaf

**To: Engr. Muhammad Abdullah (Assistant Engineer)**  
**B&W Department, UET**  
**Lahore**  
**Project: Design and Workshop Center at UET Lahore Main Campus**

Our Ref. No. CL/CED/ 7525 Dated: 14-03-19

Your Ref. No. B&W/AENC/779 Dated: 01-03-19

## COMPRESSION TEST REPORT

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

Specimens received on: 01-03-19 Tested on: 14-03-19 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X-Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	S-8				8.8x4.4x2.9	3164	38.72	43	2490	
2	S-8				8.9x4.3x2.8	3129	38.27	45	2640	
3	S-8				8.9x4.4x2.9	3156	39.16	35	2010	
4	S-8				8.8x4.3x2.8	3177	37.84	32	1900	
5	S-8				8.8x4.3x2.9	3187	37.84	40	2370	
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Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departament?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departament?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" 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**



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**Lahore**  
**Project: Design and Workshop Center at UET Lahore Main Campus**

Our Ref. No. CL/CED/ 7526 Dated: 14-03-19

Your Ref. No. B&W/AENC/780 Dated: 01-03-19

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Specimens received on: 01-03-19 Tested on: 14-03-19 in dry/wet condition

Sr. No.	Mark*	Casting Date* /Wet Weight (gms)			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
1	SS -1				8.8x4.3x2.9	3294	37.84	39	2310	
2	SS -1				8.9x4.4x2.9	3126	39.16	43	2460	
3	SS -1				8.8x4.4x3.0	3147	38.72	33	1910	
4	SS -1				8.8x4.3x2.9	3187	37.84	50	2960	
5	SS -1				8.9x4.3x2.9	3202	38.27	33	1940	
End	---	---	---	---	---	---	---	---	---	---
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