



Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
University of Engineering and Technology, Lahore
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Dr. Umbreen

To: **Sub Divisional Officer**

Building Sub Division No. 5, Lahore.

Project: "Reconstruction of Examination Hall & IT Lab at Government Model Girls High School Wahdat Road Lahore, (Mahfooz Darasgah ADP No. 86, for the Year 2019-20"

Our Ref. No. CL/CED/ 2638 Dated: 02-04-21

Your Ref. No. No.2199 Dated: 15-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-21 Tested on: 01-04-21 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	MS		8.8x4.4x3.0	3209	38.72	47	2720	
2	MS		8.8x4.4x2.9	3298	38.72	41	2380	
3	MS		9.0X4.4X2.9	3218	39.6	45	2550	
4	MS		8.8x4.3x2.8	3058	37.84	45	2670	
5	MS		8.8x4.4x3.0	3357	38.72	51	2950	
6	MS		8.8x4.4x2.8	3067	38.72	55	3190	
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13								
14								
15								
16								

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" 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