



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

1198

Dr. Mazar

To: **Project Manager**

M/s RTCC (Pvt.) Ltd. Lahore.

Project: Contract # 931-35/DM/Asst.Mgt.(N)TLR; Protection Work of Tower # 98 of 500 Kv Nokhar - Lahore Transmission Line

Our Ref. No. CL/CED/

3117

Dated:

18-05-21

Your Ref. No.

RTCC/UET/Brick Test/02-20

Dated:

04-05-21

COMPRESSION TEST REPORT

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

Specimens received on:

04-05-21

Tested on:

17-05-2021

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	KB		8.8x4.2x2.9	3200	36.96	43	2610	
2	KB		8.8x4.1x2.8	3035	36.08	33	2050	
3	KB		8.8x4.1x2.9	3020	36.08	35	2180	
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5								
6								
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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



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Dr. Mazar

To: **Engr. Asif Raza (Resident Engineer)**
Allied Engineering Consultants (Pvt.) Ltd.
Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group-1)

Our Ref. No. CL/CED/ 3118 Dated: 18-05-21

Your Ref. No. AEC/MBC/2021/18 Dated: 13-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-04-21 Tested on: 17-05-2021 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	ST1		8.9x4.4x3.0	3198	39.16	49	2810	
2	ST1		9.0x4.4x3.1	3289	39.6	63	3570	
3	ST1		9.0x4.5x3.0	3351	40.5	57	3160	
4	ST1		8.9x4.5x3.1	3350	40.05	107	5990	
5	ST1		9.0x4.4x3.0	3361	39.6	79	4470	
6	ST		9.0x4.4x3.0	3378	36.6	47	2880	
7	ST		8.9x4.5x3.1	3323	40.05	63	3530	
8	ST		8.9x4.4x3.0	3298	39.16	65	3720	
9	ST		9.0x4.4x3.1	3318	39.6	63	3570	
10	ST		8.9x4.5x3.0	3482	40.05	69	3860	
11								
12								
13								
14								
15								
16								

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