



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

9008

Engr.Ubaid Ahmed

To: Director Engineering
Parks & Horticulture Authority, Lahore (M/s Mian Waqas Engineers & Brothers)
Project: Renovation of Kamal Park and City Park Taunsa

Our Ref. No. CL/CED/ 8698-2 of 2 Dated: 06-08-19

Your Ref. No. Dir(Engg)/PHA/2603 Dated: 27-07-19

COMPRESSION TEST REPORT

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

Specimens received on: 30-07-19 Tested on: 19-08-19 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	Rectangular, Grey		7.8x3.9x2.1	2593	30.42	130	9580	
2	Rectangular, Grey		7.8x3.9x2.1	2841	30.42	94	6930	
3	Rectangular, Grey		7.8x3.9x2.1	2614	30.42	90	6630	
4	Rectangular, Red		7.8x3.9x2.1	2613	30.42	84	6190	
5	Rectangular, Red		7.8x3.9x2.1	2450	30.42	69	5090	
6	Rectangular, Red		7.8x3.9x2.1	2508	30.42	55	4050	
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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" 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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Department of Civil Engineering

University of Engineering and Technology, Lahore

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9008

Dr. Umbreen

To: Director Engineering

Parks & Horticulture Authority, Lahore (M/s Mian Waqas Engineers & Brothers)

Project: Beautification of Dera Ghazi Khan and Taunsa.

Our Ref. No. CL/CED/

8715

Dated:

20-08-19

Your Ref. No.

Dir(Engg)/PHA/2602

Dated:

27-07-19

COMPRESSION TEST REPORT

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

Specimens received on:

30-07-19

Tested on:

19-08-19

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	Rectangular, Grey		7.8x3.8x2.2	2576	29.64	102	7710	
2	Rectangular, Grey		7.8x3.8x2.2	2611	29.64	63	4770	
3	Rectangular, Grey		7.8x3.8x2.2	2725	29.64	84	6350	
4	Rectangular, Red		7.7x3.8x2.2	2564	29.26	63	4830	
5	Rectangular, Red		7.7x3.8x2.2	2781	29.26	73	5590	
6	Rectangular, Red		7.7x3.8x2.2	2640	29.26	51	3910	
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