



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9279

To: Nasir Mahmood, Resident Engineer

Dr. Umbreen

Project Management Department, Al-Imam Enterprises (Pvt.) Ltd. (M/S Guarantee Engineers).

Project: Construction of Penta Square, Phase-V, D.H.A, Lahore .

Our Ref. No. CL/CED/ 8995 Dated: 07-10-19

Your Ref. No. Al-Imam/746/PS-1/DHA/946 Dated: 01-10-19

## COMPRESSION TEST REPORT

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

Specimens received on: 04-10-19 Tested on: 04-10-19 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	Citi (Rectangular) Terracota(Red)		7.7x3.8x2.3	2796	29.26	114	8730	
2	Citi (Rectangular) Terracota(Red)		7.7x3.8x2.3	2804	29.26	104	7970	
3	Citi (Rectangular) Terracota(Red)		7.7x3.8x2.3	2795	29.26	110	8430	
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/department?RID=testing\\_reports&id=6](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



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

9285

Dr. Umbreen

To: **Sub Divisional Officer**

**Buildings Sub Division No.15, Lahore.**

**Project: Addition Alteration to Model Town Courts Lahore. ( Tuff Tiles and Fiber Glass Shed at Main Gate).**

Our Ref. No. CL/CED/

8996

Dated:

07-10-19

Your Ref. No.

2668

Dated:

03-10-19

## COMPRESSION TEST REPORT

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

Specimens received on:

04-10-19

Tested on:

04-10-19

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		7.7x3.8x2.2	2662	29.26	114	8730	
2	Rectangular Grey		7.7x3.8x2.2	2356	29.26	63	4830	
3	Rectangular Grey		7.7x3.8x2.2	2310	29.26	63	4830	
4	Rectangular Grey		7.7x3.8x2.2	2383	29.26	73	5590	
5	Rectangular Red		7.7x3.8x2.2	2650	29.26	90	6890	
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments?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**



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

9258

To: **Sub Divisional Officer**

Engr. A. Rehman

**Buildings Sub Division No.19, Lahore.**

**Project: Construction of Public Toilet Block Near Elephant House and Cafeteria in Lahore Zoo Lahore.**

Our Ref. No. CL/CED/ 8997 Dated: 07-10-19

Your Ref. No. 2302 Dated: 04-07-19

## COMPRESSION TEST REPORT

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

Specimens received on: 30-09-19 Tested on: 03-10-19 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
		Month	Day	Year						
1	(1:2:4)	4	7	2019	6x6x6	8	36	69	4300	Non Engraved
2	(1:2:4)	4	7	2019	6x6x6	8	36	25	1560	Non Engraved
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

Results can also be seen on website [http://www.uet.edu.pk/faculties/facultiesinfo/departments/testing\\_reports?id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departments/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**