



# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8067

To: Deputy Director (QCD)

Engr. Abdul Rehman

WASA, LDA, Lahore / M/s. Mehran Builders

Project: No. P&S/250.1/6008-Addition & Alteration/Construction of Official Residence Occupied by Dy. Director (F&R) Opposite Shaukat Khanam Hospital Lahore

Our Ref. No. CL/CED/ 7441 Dated: 06-03-19

Your Ref. No. QCD/121-22 Dated: 09-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 11-02-19 Tested on: 01-03-19 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
		Wet Weight (gms)								
1	R C C	27	12	2018	6x6x6	8	36	111	6910	Non Engraved
2	R C C	27	12	2018	6x6x6	8.2	36	105	6540	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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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



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

8148  
Dr. Aqsa

**To: Yasoob Khalid (Project Engineer)**  
**Vision Developers Pvt. Ltd. Lahore**  
**Project: Park View Apartments (Lower Ground Floor to Ground Floor Stairs)**

Our Ref. No. CL/CED/ 7442 Dated: 06-03-19

Your Ref. No. VG/PVA/Apartments/281 Dated: 25-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-19 Tested on: 28-02-19 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
		Wet Weight (gms)								
1		26	1	2019	6Diax12	14	28.28	101	8000	Non Engraved
2		26	1	2019	6Diax12	14.2	28.28	101	8000	Non Engraved
3		26	1	2019	6Diax12	14.2	28.28	103	8160	Non Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8155  
Dr. Aqsa

**To: Project Director MQI**  
**Minhaj-ul-Quran International, Lahore**  
**Project:**

Our Ref. No. CL/CED/ 7443 Dated: 06-03-19  
Your Ref. No. DOC/1021/19 Dated: 21-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-19 Tested on: 28-02-19 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
		Wet Weight (gms)								
1		26	1	2019	6Diax12	13.2	28.28	51	4040	Non Engraved
2		26	1	2019	6Diax12	13.6	28.28	58	4600	Non Engraved
3		26	1	2019	6Diax12	13	28.28	55	4360	Non Engraved
4		5	2	2019	6Diax12	13.2	28.28	75	5950	Non Engraved
5		5	2	2019	6Diax12	13.2	28.28	65	5150	Non Engraved
6		5	2	2019	6Diax12	13.6	28.28	79	6260	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

8155  
Dr. Aqsa

**To: Project Director MQI**  
**Minhaj-ul-Quran International, Lahore**  
**Project:**

Our Ref. No. CL/CED/ 7444 Dated: 06-03-19  
Your Ref. No. DOC/1022/19 Dated: 21-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 25-02-19 Tested on: 28-02-19 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		11	2	2019	6Diax12	13	28.28	34	2700	Non Engraved
2		11	2	2019	6Diax12	12.8	28.28	39	3090	Non Engraved
3		11	2	2019	6Diax12	13	28.28	42	3330	Non Engraved
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**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8161  
Dr. Aqsa

**To: Salahuddin Shad**  
**Maple Construction, Lahore**  
**Project:**

Our Ref. No. CL/CED/ 7445 Dated: 06-03-19  
Your Ref. No. Nil Dated: 26-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-19 Tested on: 28-02-19 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
		Wet Weight (gms)								
1		29	1	2019	6Diax12	13.6	28.28	90	7130	Engraved
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**supervisor(lab)**

**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8161  
Dr. Aqsa

**To: Salahuddin Shad**  
**Maple Construction, Lahore**  
**Project:**

Our Ref. No. CL/CED/ 7446 Dated: 06-03-19  
Your Ref. No. Nil Dated: 26-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-19 Tested on: 28-02-19 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
		Wet Weight (gms)								
1		29	1	2019	6Diax12	14	28.28	91	7210	Engraved
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Phone Nos. 042-99029202, 042-99029217

8165  
Dr. Aqsa

**To: Muhammad Afzal (Engineer)**  
**Widecon Engineers & Contractors, Lahore**  
**Project: Construction of Beacon House School Sadaqabad (Last Portion)**

Our Ref. No. CL/CED/ 7447 Dated: 06-03-19

Your Ref. No. WEC-Gen-81/19 Dated: 26-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-19 Tested on: 28-02-19 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
		Wet Weight (gms)								
1	F.F. Column	22	1	2019	6Diax12	14	28.28	79	6260	Non Engraved
2	F.F. Column	22	1	2019	6Diax12	14	28.28	21	1670	Non Engraved
3	F.F. Column	22	1	2019	6Diax12	14	28.28	89	7050	Non Engraved
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**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

8162

Dr. Aqsa

To: **Abdul Ghafar (Project Manager)**

**Liberty Builders, Lahore**

**Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, (Zone-B, Level +2'-6")**

Our Ref. No. CL/CED/

7448

Dated:

06-03-19

Your Ref. No.

CONC-20190226

Dated:

26-02-19

## COMPRESSION TEST REPORT

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

Specimens received on:

26-02-19

Tested on:

28-02-19

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
		/Wet Weight (gms)								
1	4 2 6 (GF Column)	19	2	2019	6Diax12	14	28.28	70	5550	Non Engraved
2	4 2 7 (GF Column)	19	2	2019	6Diax12	14	28.28	73	5790	Non Engraved
3	4 2 8 (GF Column)	19	2	2019	6Diax12	14	28.28	79	6260	Non Engraved
4	4 3 2 (GF Lift Wall)	19	2	2019	6Diax12	14	28.28	44	3490	Non Engraved
5	4 3 3 (GF Lift Wall)	19	2	2019	6Diax12	14.2	28.28	65	5150	Non Engraved
6	4 3 4 (GF Lift Wall)	19	2	2019	6Diax12	14	28.28	44	3490	Non Engraved
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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

8162  
Dr. Aqsa

**To: Abdul Ghafar (Project Manager)**  
**Liberty Builders, Lahore**  
**Project: Construction of Zee Avenue, 17-A Cooper Road Lahore, (Zone-A, Level +2'-6")**

Our Ref. No. CL/CED/ 7449 Dated: 06-03-19

Your Ref. No. CONC-20190226 Dated: 26-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 26-02-19 Tested on: 28-02-19 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
		Wet Weight (gms)								
1	4 1 2 (GF Column)	26	1	2019	6Diax12	14	28.28	80	6340	Non Engraved
2	4 1 3 (GF Column)	26	1	2019	6Diax12	14.2	28.28	84	6660	Non Engraved
3	4 1 4 (GF Column)	26	1	2019	6Diax12	14.2	28.28	43	3410	Non Engraved
4	4 1 8 (GF Column)	13	2	2019	6Diax12	14.8	28.28	85	6740	Non Engraved
5	4 1 9 (GF Column)	13	2	2019	6Diax12	14.2	28.28	85	6740	Non Engraved
6	4 2 0 (GF Column)	13	2	2019	6Diax12	15	28.28	95	7530	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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**Director/Dy. Director Concrete Laboratory**



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Phone Nos. 042-99029202, 042-99029217

8166

Engr. Abdul Rehman

**To: Khalid Bashir**  
**Ittefaq Building Solution Pvt. Ltd. Lahore**  
**Project: Ghani Farm House at Faisalabad**

Our Ref. No. CL/CED/ 7450 Dated: 06-03-19

Your Ref. No. IBS/GPF/CS01 Dated: 27-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-02-19 Tested on: 01-03-19 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
		Wet Weight (gms)								
1	Foundation	28	1	2019	6Diax12	13.3	28.28	28	2220	Non Engraved
2	Foundation	28	1	2019	6Diax12	14	28.28	34	2700	Non Engraved
End	---	---	---	---	---	---	---	---	---	---
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8167

Engr. Abdul Rehman

To: **M/s New Era Furnishers**  
**85-Shahra-Quaid-Azam, Lahore**  
**Project: MCB Bank Ltd., Fruit Mandi, Chakwal**

Our Ref. No. CL/CED/ 7451 Dated: 06-03-19

Your Ref. No. NEF/SY/MCB/CHWL/19/001 Dated: 26-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-02-19 Tested on: 01-03-19 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
		28	1	2019						
1	Basement Raft	28	1	2019	6Diax12	13	28.28	37	2940	Engraved
2	Basement Raft	28	1	2019	6Diax12	13	28.28	31	2460	Engraved
End	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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8169

To: **Salahuddin Shad**  
**Maple Construction, Lahore**  
Project:

Engr. Abdul Rehman

Our Ref. No. CL/CED/ 7452 Dated: 06-03-19  
Your Ref. No. Nil Dated: 27-02-19

## COMPRESSION TEST REPORT

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

Specimens received on: 27-02-19 Tested on: 01-03-19 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		31	1	2019	6Diax12	13.4	28.28	51	4040	Engraved
End	---	---	---	---	---	---	---	---	---	---
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/departement?RID=testing\\_reports&id=6](http://www.uet.edu.pk/faculties/facultiesinfo/departement?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

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Sr. No.	Mark*	Casting Date*			Size (in)	Weight (lbs./gms)	Area of X- Section (Sq. in)	Ultimate load (Tons/lbs)	Ultimate Stress (Psi)	Remarks
		Wet Weight (gms)								
1		31	1	2019	6Diax12	14	28.28	70	5550	Engraved
End	---	---	---	---	---	---	---	---	---	---
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