



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

7803

Dr. Umbreen

To: **Lt. Col. Retd. Mir Muhammad Tanveer (Chairman)**  
**LGES Sectt Tufail Road Lahore Cantt.**  
**Project: Constt. Of GAWC**

Our Ref. No. CL/CED/ 6865 Dated: 03-01-19

Your Ref. No. LGES/MRM&D/53 Dated: 21-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 24-12-18 Tested on: 02-01-19 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	3 0 0 0 Psi	25	11	2018	6Diax12	13.4	28.28	57	4520	Non Engraved
2	3 0 0 0 Psi	25	11	2018	6Diax12	13	28.28	63	5000	Non Engraved
3	3 0 0 0 Psi	25	11	2018	6Diax12	13	28.28	45	3570	Non Engraved
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\* 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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7807

Dr. Umbreen

To: **Abid Sultan (The Admin Manager)**  
**Variant, 25-t Gulberg 2,**  
**Lahore**

**Project: Ground Floor Slab Pour 1, Grids/Level (E to H, 1 to 8 Line)**

Our Ref. No. CL/CED/ 6866 Dated: 03-01-19

Your Ref. No. VA/23/82 Dated: 26-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 26-12-18 Tested on: 02-01-19 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	11	2018	6Diax12	14	28.28	49	3890	Non Engraved
2		29	11	2018	6Diax12	14	28.28	63	5000	Non Engraved
3		29	11	2018	6Diax12	14	28.28	49	3890	Non Engraved
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7813  
Dr. Umbreen

**To: Mr. Usman Ali (Project Manager)**  
**Mukhtar Sons Construction Pvt. Ltd.**  
**Project: Naveena Apartments, 35-C, Gulberg III, Lahore**

Our Ref. No. CL/CED/ 6867 Dated: 03-01-19  
Your Ref. No. Nil Dated: 27-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-18 Tested on: 02-01-19 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	Trail Mix	15	11	2018	6Diax12	18.4	28.28	86	6820	Non Engraved
2	Trail Mix	15	11	2018	6Diax12	14	28.28	83	6580	Non Engraved
3	Trail Mix	15	11	2018	6Diax12	14.2	28.28	83	6580	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

7813

Dr. Umbreen

**To: Mr. Usman Ali (Project Manager)**  
**Mukhtar Sons Construction Pvt. Ltd.**  
**Project: Naveena Apartments, 35-C, Gulberg III, Lahore**

Our Ref. No. CL/CED/ 6868 Dated: 03-01-19

Your Ref. No. Nil Dated: 27-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-18 Tested on: 02-01-19 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	Raft 5th Pour	12	12	2018	6Diax12	14.4	28.28	63	5000	Non Engraved
2	Raft 5th Pour	12	12	2018	6Diax12	14	28.28	67	5310	Non Engraved
3	Raft 5th Pour	12	12	2018	6Diax12	14	28.28	49	3890	Non Engraved
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7813

Dr. Umbreen

**To: Mr. Usman Ali (Project Manager)**  
**Mukhtar Sons Construction Pvt. Ltd.**  
**Project: Naveena Apartments, 35-C, Gulberg III, Lahore**

Our Ref. No. CL/CED/ 6869 Dated: 03-01-19

Your Ref. No. Nil Dated: 27-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-18 Tested on: 02-01-19 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	Raft 4th Pour	17	12	2018	6Diax12	14.4	28.28	69	5470	Non Engraved
2	Raft 4th Pour	17	12	2018	6Diax12	14	28.28	63	5000	Non Engraved
3	Raft 4th Pour	17	12	2018	6Diax12	14	28.28	73	5790	Non Engraved
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7814

Dr. Umbreen

**To: Malik Iftikhar Ahmed (Resident Engineer OSP)**  
**P&M Div., NESPAK Pvt. Ltd. Lahore**  
**Project: PPIC3 Lahore (PECO Factory PTSC Power & Signal Cabinet)**

Our Ref. No. CL/CED/ 6870 Dated: 03-01-19

Your Ref. No. 3830/PPIC3/OSP/MIA/1668 Dated: 26-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-18 Tested on: 02-01-19 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		24	11	2018	6Diax12	14	28.28	104	8240	Non Engraved
2		24	11	2018	6Diax12	13.4	28.28	96	7610	Non Engraved
3		24	11	2018	6Diax12	13.4	28.28	73	5790	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

7853

Dr. Umbreen

To: Assistant Engineer

Civil Sub-Divisional LG&CD Gujranwala

Project: Constt. of Streets & Drainage at Gali # 7 Rasheed Colony Distt. Grw. Falls Under (Pak MDG's) 2015-16 Div. Gujranwala

Our Ref. No. CL/CED/

6871

Dated:

03-01-19

Your Ref. No.

AE/LG&CD/GRW1419

Dated:

26-12-18

## COMPRESSION TEST REPORT

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

Specimens received on:

03-01-19

Tested on:

03-01-19

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	P C C (1 : 2 : 4)	7	4	2016	6x6x6	7.8	36	57	3550	Non Engraved
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7809

Dr. Umbreen

**To: Muhammad Idrees (DGM Construction)**  
**Tameer Construction Pvt. Ltd. Lahore**  
**Project: Construction of Roads at Pel Unit-II, Lahore**

Our Ref. No. CL/CED/ 6872 Dated: 03-01-19

Your Ref. No. TCPL/PEL-1045/X-18/452 Dated: 19-10-18

## COMPRESSION TEST REPORT

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

Specimens received on: 27-12-18 Tested on: 03-01-19 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	Rectangular Grey			3735	7.8x3.8x3.1		29.64	102	7710	9096
2	Rectangular Grey			3805	7.8x3.8x3.1		29.64	114	8620	10165
3	Rectangular Grey			3877	7.8x3.8x3.1		29.64	134	10130	11950
4	Rectangular Grey			3757	7.8x3.8x3.1		29.64	118	8920	10523
5	Rectangular Grey			3836	7.8x3.8x3.1		29.64	130	9830	11593
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# Plain and Reinforced Concrete Laboratory

## Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

7846

Dr. Umbreen

To: **Muhammad Zahid Hussain (Project Engineer Civil)**

**DHA, Main Office Complex Sector A Ph-VI Lahore Cantt.**

**Project: Development of Parking at Area Commercial Area Sector DD Phase-IV**

Our Ref. No. CL/CED/ 6873 Dated: 03-01-19

Your Ref. No. /LabTest- TuffPavers/Maint Dated: 31-12-18

## COMPRESSION TEST REPORT

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

Specimens received on: 02-01-19 Tested on: 03-01-19 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	Cobble Red				4.9x4.9x2.3	2170	24.01	86	8030	
2	Cobble Red				4.9x4.9x2.3	2150	24.01	73	6820	
3	Cobble Grey				4.9x4.9x2.3	2196	24.01	75	7000	
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