



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

1099

To: **Mr. Umair Maqsood (Sub Divisional Officer)**

Dr. Umbreen

Building Sub Division Assembly, Lahore.

Project: Construction of 60-No. Staff Quarters (Grade 1 to 10) at MPA,S Hostel Lahore (ADP No. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2937 Dated: 29-04-21

Your Ref. No. No. 293 Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-04-21 Tested on: 26-04-21 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	Block A - Slab (1:2:4)	2	2	2021	6x6x6	8.8	36	96	5980	Engraved
2	Block A - Slab (1:2:4)	2	2	2021	6x6x6	8.6	36	98	6100	Engraved
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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



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

1099

To: Mr. Umair Maqsood (Sub Divisional Officer)

Dr. Umbreen

Building Sub Division Assembly, Lahore.

Project: Repair & Rehabilitation of Punjab Assembly, MPA Hostel, Speaker, Deputy Speaker Houses and PIPAL House (Phase-II) Lahore.

Our Ref. No. CL/CED/ 2938 Dated: 29-04-21

Your Ref. No. No. 295 Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-04-21 Tested on: 26-04-21 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	First Floor Slab(1:2:4)	23	1	2021	6x6x6	8.8	36	108	6720	Engraved
2	First Floor Slab(1:2:4)	23	1	2021	6x6x6	8.8	36	92	5730	Engraved
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Director/Dy. Director Concrete Laboratory



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

1099

Dr. Umbreen

To: **Mr. Umair Maqsood (Sub Divisional Officer)**

Building Sub Division Assembly, Lahore.

Project: Construction of 60-No. Staff Quarters (Grade 1 to 10) at MPA,S Hostel Lahore (ADP No. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2939 Dated: 29-04-21

Your Ref. No. No. 292 Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-04-21 Tested on: 26-04-21 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	Block A - Slab (1:2:4)	23	1	2021	6x6x6	8.8	36	83	5170	Engraved
2	Block A - Slab (1:2:4)	23	1	2021	6x6x6	8.6	36	94	5850	Engraved
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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

1099

To: Mr. Umair Maqsood (Sub Divisional Officer)

Dr. Umbreen

Building Sub Division Assembly, Lahore.

Project: Construction of 60-No. Staff Quarters (Grade 1 to 10) at MPA,S Hostel Lahore (ADP No. 3429 for the Year of 2020-21)

Our Ref. No. CL/CED/ 2940 Dated: 29-04-21

Your Ref. No. No. 294 Dated: 20-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-04-21 Tested on: 26-04-21 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	Block B - Slab (1:2:4)	4	3	2021	6x6x6	8.6	36	79	4920	Engraved
2	Block B - Slab (1:2:4)	4	3	2021	6x6x6	8.8	36	86	5360	Engraved
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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

1097

Engr. Ubaid

To: Mr. Shahzad Iqbal

BPS (Pvt.) Ltd.

Project: Construction of Alpha Homes Apartments

Our Ref. No. CL/CED/

2941

Dated:

29-04-21

Your Ref. No.

Nil

Dated:

28-04-21

COMPRESSION TEST REPORT

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

Specimens received on:

21-04-21

Tested on:

28-04-21

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	Basement Slab+2"- 00"	9	4	2021	6Diax12	13.6	28.28	38	3010	Non Engraved
2	Basement Slab+2"- 00"	9	4	2021	6Diax12	13.6	28.28	35	2780	Non Engraved
3	Basement Slab+2"- 00"	9	4	2021	6Diax12	13.2	28.28	37	2940	Non Engraved
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1122
Engr. Ubaid

To: **Mr. M. Azeem (Operation Manager)**
Amir Adnan Associates, Lahore.

Project: Construction of Hotel Building at 24-A Block E/2 at Gulberg III Lahore.

Our Ref. No. CL/CED/ 2942 Dated: 29-04-21

Your Ref. No. AAA/24A /0033 Dated: 23-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-04-21 Tested on: 28-04-21 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	(5000) Psi	16	3	2021	6Diax12	14	28.28	56	4440	Non Engraved
2	(5000) Psi	16	3	2021	6Diax12	14.2	28.28	77	6100	Non Engraved
3	(5000) Psi	16	3	2021	6Diax12	14.4	28.28	69	5470	Non Engraved
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1092

Engr. Ubaid

To: Mr. Khadim Hussain

PO Shahpur Chak No.116c/t.d.a Tehsil Karor Lal Ehsan, Lillah.

Project: Construction of Workman Furniture, Quaid-e- Azam Industrial Estate Lahore.

Our Ref. No. CL/CED/ 2943 Dated: 29-04-21

Your Ref. No. PCS/21/Eng-48 Dated: 19-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 20-04-21 Tested on: 28-04-21 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	3rd Floor Columns (1:1.5:3)	11	4	2021	6Diax12	14	28.28	55	4360	Non Engraved
2	3rd Floor Columns (1:1.5:3)	11	4	2021	6Diax12	14.2	28.28	51	4040	Non Engraved
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1117

Engr. Ubaid

To: **Mr. Shahid Jameel (Construction Manager)**

M/s Mughals Pakistan (Pvt.) Ltd. Lahore.

Project: Construction of EOBI Hotel & Mixed Use Development Project, Lahore.

Our Ref. No. CL/CED/ 2944 Dated: 29-04-21

Your Ref. No. 786/MPL/-
0064/210402/2021 Dated: 21-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 22-04-21 Tested on: 28-04-21 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	Roof Slab	23	3	2021	6Diax12	14	28.28	108	8560	Non Engraved
2	Roof Slab	23	3	2021	6Diax12	14	28.28	106	8400	Non Engraved
3	Roof Slab	23	3	2021	6Diax12	14	28.28	90	7130	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

11106
Engr. Ubaid

To: Mr. Abubakar
Basti Shah Nawaz District Layyah0
Project: Construction of Punjab Ware House Building at Gajjo Mttah Ferozpur Road

Our Ref. No. CL/CED/ 2945 Dated: 29-04-21
Your Ref. No. Nil Dated: 21-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 21-04-21 Tested on: 28-04-21 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	(3000) Psi	20	3	2021	6Diax12	13.8	28.28	44	3490	Engraved
2	(3000) Psi	20	3	2021	6Diax12	13.8	28.28	39	3090	Engraved
3	(3000) Psi	20	3	2021	6Diax12	13.4	28.28	41	3250	Engraved
4	(3000) Psi	20	3	2021	6Diax12	13.6	28.28	43	3410	Engraved
5	(3000) Psi	20	3	2021	6Diax12	13.2	28.28	47	3730	Engraved
6	(3000) Psi	20	3	2021	6Diax12	13.8	28.28	43	3410	Engraved
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Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

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11106

Engr. Ubaid

To: **ATO (I&S) Tehsil Council**
Chunian (M/s Qamar Ud Din & Sons)

Project: Construction of PCC, Soling, Sullage Carrier Khariper Sharif Tehsil Council Chunian

Our Ref. No. CL/CED/ 2946 Dated: 29-04-21

Your Ref. No. ATO/TCC/(I&S)/2021/66 Dated: 25-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 19-04-21 Tested on: 28-04-21 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	S		8.8x4.4x3.0	3154	38.72	50	2900	
2	S		8.9x4.4x3.0	3239	39.16	55	3150	
3	S		8.7x4.3x3.0	3046	37.41	41	2460	
4	Machine Made (Qadri)		9.0x4.4x3.0	3545	39.6	73	4130	
5	Machine Made (Qadri)		9.1x4.4x3.0	3565	40.04	57	3190	
6	Machine Made (Qadri)		9.2x4.3x3.0	3619	39.56	73	4140	
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1123
Engr. Ubaid

To: Mr. Umair Haleem
Shafi Foods (Pvt.) Ltd. Lahore.
Project: Nil

Our Ref. No. CL/CED/ 2947 Dated: 29-04-21
Your Ref. No. Nil Dated: 23-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 23-04-21 Tested on: 28-04-21 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	AR				8.8x4.4x3.0	3347	38.72	35	2030	
2	A9				8.8x4.3x2.9	3123	37.84	51	3020	
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Plain and Reinforced Concrete Laboratory
Department of Civil Engineering
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Phone Nos. 042-99029202, 042-99029217

1151

Dr. Burhan Sharif

To: M/s M. Saddique Sons
Building Contractors. Lahore
Project: Nil

Our Ref. No. CL/CED/ 2948 Dated: 29-04-21

Your Ref. No. Nil Dated: 28-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 28-04-21 Tested on: 28-04-21 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	(3000) Psi	20	4	2021	6Diax12	14.4	28.28	29	2300	Non Engraved
2	(3000) Psi	20	4	2021	6Diax12	14.4	28.28	21	1670	Non Engraved
3	(3000) Psi	20	4	2021	6Diax12	14.4	28.28	29	2300	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

1160

To: Engr. Kamran (Resident Engineer)
Tec-Zone Consultants(Pvt.) Ltd. Lahore.
Project: KEMU-Maqbool Ahmad Bock Landscape Works

Dr. Burhan Sharif

Our Ref. No. CL/CED/ 2949 Dated: 29-04-21

Your Ref. No. Nil Dated: 29-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-04-21 Tested on: 29-04-21 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	(1:2:4)	22	4	2021	6x6x6	8.7	36	83	5170	Engraved
2	(1:2:4)	22	4	2021	6x6x6	8.8	36	63	3920	Engraved
3										
4										
5										
6										
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8										
9										
10										
11										
12										
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15										
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.

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