



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

1028

Dr. Umbreen

To: Mr. M. Sohail Anjum (Project Manager)
MEK Multistory Offices, Gulberg II, Lahore.
Project : Construction of P-156 Project Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 2780 Dated: 14-04-21

Your Ref. No. P-156-208 Dated: 08-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-21 Tested on: 14-04-21 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	785 (3000) Psi	11	3	2021	6Diax12	14	28.28	51	4040	Non Engraved
2	787 (3000) Psi	11	3	2021	6Diax12	14	28.28	53	4200	Non Engraved
3	788 (3000) Psi	11	3	2021	6Diax12	14.2	28.28	63	4990	Non Engraved
4										
5										
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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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1034
Dr. Umbreen

To: Mr. Mudassar Iqbal (Manager QC)
Country Developers(Pvt.) Ltd
Project : Construction of PGC Campus 227-230 Muslim Town

Our Ref. No. CL/CED/ 2781 Dated: 14-04-21

Your Ref. No. CD-20-Testing /Con/MT/-017 Dated: 05-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 08-04-21 Tested on: 13-04-21 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	2nd Floor Slab (3000) Psi	27	3	2021	6Diax12	14.4	28.28	57	4520	Non Engraved
2	2nd Floor Slab (3000) Psi	27	3	2021	6Diax12	14.2	28.28	59	4680	Non Engraved
3										
4										
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Director/Dy. Director Concrete Laboratory



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

1054

To: Mr. Ali Ahmed (Supervisor)

Dr. M. Yousaf

Zikria Construction Company (Pvt.) Ltd. Lahore.

Project : Construction of BIC Engineering Block Ground Floor Roof Zafar Ali Road, Lahore.

Our Ref. No. CL/CED/ 2782 Dated: 14-04-21

Your Ref. No. Nil Dated: 14-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-04-21 Tested on: 14-04-21 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
		1	2	3						
1	Ground Floor Roof	18	2	2021	6x6x6	9	36	106	6600	Engraved
2										
3										
4										
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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

1054

To: **Mr. Ali Ahmed (Supervisor)**

Dr. M. Yousaf

Zikria Construction Company (Pvt.) Ltd. Lahore.

Project : Construction of BIC Engineering Block First Floor Roof Zafar Ali Road, Lahore.

Our Ref. No. CL/CED/ 2783 Dated: 14-04-21

Your Ref. No. Nil Dated: 14-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-04-21 Tested on: 14-04-21 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 Roof	16	3	2021	6x6x6	9	36	63	3920	Engraved
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3										
4										
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7										
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10										
11										
12										
13										
14										
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Phone Nos. 042-99029202, 042-99029217

861

Dr. M. Yousaf

To: Mr. Ahsan Ali
M/s Barki Flyash Brick & Tiles Barkis Road, Lahore.
Project : Nil

Our Ref. No. CL/CED/ 2784 Dated: 14-04-21

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

COMPRESSION TEST REPORT

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

Specimens received on: 29-03-21 Tested on: 14-04-21 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	Concrete Brick (U-1)		9.0x4.4x3.2	3755	39.6	20	1140	
2	Concrete Brick (U-1)		8.9x4.4x3.2	4043	39.16	37	2120	
3	Concrete Brick (U-1)		8.9x4.4x3.2	3958	39.16	30	1720	
4	Concrete Brick (U-1)		9.0x4.4x3.1	4069	39.6	36	2040	
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13								
14								
15								
16								

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Department of Civil Engineering

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Phone Nos. 042-99029202, 042-99029217

955

To: Mr. Ashiq Hussain Bhatti (Project Manager)

Dr. M. Yousaf

Barqaab Consulting Services (Pvt.) Ltd. Lahore (M/s. Transmark International Pvt. Ltd.)

Project : Contract No. ADB-72R-2016 LOT-I (Package-II) For Civil Works, Erection, Testing & Commissioning of 220KV/132 KV Lalian Substation Under ADB Loan No. 3203-Pak:MFF 007 Power Transmission Enhancement Investment Program Tranche-IV

Our Ref. No. CL/CED/ 2785-1 of 2 Dated: 14-04-21

Your Ref. No. 04/220/132kV/GS/LHR Dated: 26-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-03-21 Tested on: 14-04-21 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	GML		8.8x4.1x2.8	2930	36.08	43	2670	
2	GML		8.6x4.2x2.9	2833	36.12	51	3170	
3	GML		8.7x4.2x2.8	2803	36.54	32	1970	
4	GML		8.6x4.2x2.8	2876	36.12	36	2240	
5	GML		8.6x4.1x2.9	2868	35.26	38	2420	
6	VIP		8.7x4.2x2.7	2963	36.54	46	2820	
7	VIP		8.7x4.1x2.8	2856	35.67	41	2580	
8	VIP		8.7x4.3x2.8	2870	37.41	38	2280	
9	VIP		8.6x4.2x2.8	3004	36.12	34	2110	
10	VIP		8.7x4.2x2.6	2760	36.54	44	2700	
11	MC		8.7x4.2x2.8	2740	36.54	48	2950	
12	MC		8.6x4.2x2.9	2775	36.12	46	2860	
13	MC		8.7x4.2x2.8	2870	36.54	37	2270	
14	MC		8.6x4.1x2.9	2730	35.26	35	2230	
15	MC		8.7x4.3x3.0	2960	37.41	43	2580	
16								

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955

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Dr. M. Yousaf

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Our Ref. No. CL/CED/ 2785-2 of 2 Dated: 14-04-21

Your Ref. No. 04/220/132kV/GS/LHR Dated: 26-03-21

COMPRESSION TEST REPORT

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

Specimens received on: 29-03-21 Tested on: 14-04-21 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
16	SB		8.6x4.1x2.7	2697	35.26	46	2930	
17	SB		8.7x4.2x2.9	3002	36.54	58	3560	
18	SB		8.6x4.2x2.8	2794	36.12	46	2860	
19	SB		8.6x4.1x2.7	2808	35.26	53	3370	
20	SB		8.8x4.2x2.9	2928	36.96	54	3280	
21	R		8.7x4.3x2.9	3112	37.41	41	2460	
22	R		8.8x4.3x2.8	3128	37.84	38	2250	
23	R		8.7x4.2x3.0	3071	36.54	41	2520	
24	R		8.7x4.3x2.8	2984	37.41	35	2100	
25	R		8.8x4.2x2.9	3024	36.96	49	2970	
26	T-47		8.7x4.2x2.8	2978	36.54	48	2950	
27	T-47		8.7x4.3x2.8	3024	37.41	38	2280	
28	T-47		8.8x4.1x2.8	2968	36.08	33	2050	
29	T-47		8.8x4.2x2.9	3008	36.96	32	1940	
30	T-47		8.7x4.3x2.9	2972	37.41	49	2940	
16								

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1047

To: Mr. Umair Ch.
House No. 270 B - Model Town Extention, Lahore.
Project : Construction of Own House.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 2784 Dated: 14-04-21
Your Ref. No. Nil Dated: 12-04-21

COMPRESSION TEST REPORT

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

Specimens received on: 12-04-21 Tested on: 14-04-21 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	GP				8.6x4.2x3.1	3320	36.12	42	2610	
2										
3										
4										
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