



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

8325

Dr. Aqsa

To: **Sub Divisional Office (Civil)**

Government College University, Faisalabad. (Engineering Cell)

Project: Constt. of Covered Car Parking at New Campus GCU Faisalabad. (M/S Mascot Group Pvt. Ltd.)

Our Ref. No. CL/CED/ 7676 Dated: 01-04-19

Your Ref. No. GCUF/EC/414 Dated: 18-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 26-03-19 Tested on: 28-03-19 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	Uni-Block Grey				3.1 thick	4466	37.25	136	8180	
2	Uni-Block Grey				3.1 thick	4514	37.25	128	7700	
3	Uni-Block Grey				3.1 thick	4477	37.25	148	8900	
4	Uni-Block Grey				3.1 thick	4496	37.25	136	8180	
5	Uni-Block Grey				3.1 thick	4510	37.25	132	7940	
6	Uni-Block Grey				3.1 thick	4499	37.25	143	8600	
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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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8325

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Government College University, Faisalabad. (Engineering Cell)

Project: Constt. of Covered Car Parking at New Campus GCU Faisalabad. (M/S Mascot Group Pvt. Ltd.)

Our Ref. No. CL/CED/

7677

Dated:

01-04-19

Your Ref. No.

GCUF/EC/443

Dated:

25-03-19

COMPRESSION TEST REPORT

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

Specimens received on:

26-03-19

Tested on:

28-03-19

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	Uni-Block Grey				3.1 thick	4520	37.25	134	8060	
2	Uni-Block Grey				3.1 thick	4577	37.25	134	8060	
3	Uni-Block Grey				3.1 thick	4614	37.25	139	8360	
4	Uni-Block Grey				3.1 thick	4470	37.25	116	6980	
5	Uni-Block Grey				3.1 thick	4466	37.25	120	7220	
6	Uni-Block Grey				3.1 thick	4490	37.25	150	9030	
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Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

8170

To: Engr. Abdul Ghaffar (Resident Engineer), COE, Peer Mahal, Toba Tek Singh.
Al-Imam Enterprises (Pvt) Ltd. 47-L, Model Town Extension Lahore.
Project: Establishment of Centre of Excellence Peer Mahal, Toba Tek Singh.

Dr. M. Yousaf

Our Ref. No. CL/CED/ 7678-1 of 3 Dated: 01-04-19

Your Ref. No. RE/UET/CEPM/02/19/092 Dated: 20-02-19

COMPRESSION TEST REPORT

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

Specimens received
on:

27-02-19

Tested on:

14-03-19

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	SA			3276	8.6x4.2x2.8	2917	36.12	40	2490	12.3
2	SA			3234	8.7x4.3x2.9	2814	37.41	33	1980	14.92
3	SA			3172	8.6x4.4x2.8	2819	37.84	40	2370	12.52
4	SA			3281	8.6x4.3x2.9	2879	36.98	36	2190	13.96
5	SA			3241	8.7x4.2x2.8	2914	36.54	43	2640	11.22
6	SA			3144	8.5x4.3x2.7	2784	36.55	38	2330	12.93
7	SM			3055	8.4x4.2x2.8	2699	35.28	39	2480	13.19
8	SM			3018	8.6x4.2x2.8	2714	36.12	38	2360	11.2
9	SM			2948	8.7x4.3x2.8	2651	37.41	38	2280	11.2
10	SM			3072	8.6x4.2x2.9	2664	36.12	30	1870	15.31
11	SM			2955	8.7x4.2x2.8	2696	36.54	47	2890	9.6
12	SM			3033	8.3x4.3x2.7	2688	37.41	36	2160	12.83
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** 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

8170

To: **Engr. Abdul Ghaffar (Resident Engineer), COE, Peer Mahal, Toba Tek Singh.**
Al-Imam Enterprises (Pvt) Ltd. 47-L, Model Town Extension Lahore.
Project: Establishment of Centre of Excellence Peer Mahal, Toba Tek Singh.

Dr. M. Yousaf

Our Ref. No.

CL/CED/

7678-2 of 3

Dated:

01-04-19

Your Ref. No.

RE/UET/CEPM/02/19/092

Dated:

20-02-19

COMPRESSION TEST REPORT

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

Specimens received

on:

27-02-19

Tested on:

14-03-19

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	331			2971	8.6x4.3x2.9	2614	36.98	31	1880	13.65
2	331			3045	8.7x4.2x2.8	2696	36.54	33	2030	12.94
3	331			3131	8.8x4.3x2.9	2841	37.84	43	2550	10.2
4	331			3099	8.7x4.2x2.8	2720	36.54	33	2030	13.93
5	331			3126	8.7x4.3x2.8	2696	37.41	27	1620	15.94
6	331			2991	8.8x4.3x2.9	2699	37.84	33	1960	10.81
7	328			3188	8.7x4.4x2.8	2784	38.28	30	1760	14.51
8	328			3323	8.8x4.2x2.7	2891	36.96	30	1820	14.94
9	328			3328	8.7x4.3x2.8	2862	37.41	20	1200	16.28
10	328			3388	8.8x4.2x2.9	2896	36.96	22	1340	16.98
11	328			3216	8.7x4.3x2.8	2856	37.41	33	1980	12.6
12	328			3201	8.6x4.2x2.9	2820	36.12	27	1680	13.51
END	---	---	---	---	---	---	---	---	---	---
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Director/Dy. Director Concrete Laboratory



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8170

Dr. M. Yousaf

To: Engr. Abdul Ghaffar (Resident Engineer), COE, Peer Mahal, Toba Tek Singh.
Al-Imam Enterprises (Pvt) Ltd. 47-L, Model Town Extension Lahore.
Project: Establishment of Centre of Excellence Peer Mahal, Toba Tek Singh.

Our Ref. No. CL/CED/ 7678-3 of 3 Dated: 01-04-19

Your Ref. No. RE/UET/CEPM/02/19/092 Dated: 20-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 27-02-19 Tested on: 14-03-19 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	342			3324	8.6x4.2x2.9	2954	36.12	39	2420	12.52
2	342			3325	8.8x4.3x2.8	2926	37.84	33	1960	13.63
3	342			3219	8.7x4.2x2.8	2881	36.54	40	2460	11.73
4	342			3437	8.7x4.3x2.9	2941	37.41	20	1200	16.86
5	342			3383	8.6x4.2x2.7	2946	36.12	28	1740	14.83
6	342			3269	8.8x4.1x2.6	2966	36.08	30	1870	10.21
7	F-1			3291	8.4x4.4x2.8	2891	36.96	33	2000	13.83
8	F-1			3327	8.6x4.2x2.8	3002	36.12	35	2180	10.82
9	F-1			3346	8.5x4.3x2.9	2920	36.55	25	1540	14.58
10	F-1			3487	8.4x4.2x2.8	3026	35.28	23	1470	15.23
11	F-1			3413	8.6x4.4x2.8	3014	37.84	25	1480	13.23
12	F-1			3226	8.5x4.3x2.9	2946	36.55	43	2640	9.5
END	---	---	---	---	---	---	---	---	---	---
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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

8296

Dr. Aqsa

To: **Mr. Waqas Asif, Director**
I Con Construction Services
Project:

Our Ref. No. CL/CED/ 7679 Dated: 01-04-19

Your Ref. No. Nil Dated: 20-03-19

COMPRESSION TEST REPORT

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

Specimens received on: 20-03-19 Tested on: 28-03-19 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		2	11	2018	6Diax12	13	28.28	63	5000	Non Engraved
2		2	11	2018	6Diax12	13	28.28	61	4840	Non Engraved
3		3	10	2018	6Diax12	12.4	28.28	24	1910	Non Engraved
END	---	---	---	---	---	---	---	---	---	---
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Phone Nos. 042-99029202, 042-99029217

8157

Dr. Aqsa

To: **Ch Abdul Ghafoor (Resident Engineer)**

PEPAC W.W.C Adjacent to Sundar Industrial Estate Kasur.

Project: Establishment of Worker Welfare Complex (Phase-1) "Package-H"

Our Ref. No. CL/CED/ 7680 Dated: 01-04-19

Your Ref. No. RE/PEPAC/MWC-K/H91 Dated: 22-02-19

COMPRESSION TEST REPORT

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

Specimens received on: 25-02-19 Tested on: 28-03-19 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	7UP		8.8x4.3x2.9	3341	37.84	36	2140	
2	7UP		8.8x4.4x2.8	3364	38.72	37	2150	
3	7UP		8.9x4.3x2.8	3296	38.27	43	2520	
4	7UP		8.7x4.4x2.9	3266	38.28	36	2110	
5	7UP		8.8x4.3x2.9	3302	37.84	38	2250	
6	M		8.9x4.3x2.9	3320	38.27	41	2400	
7	M		8.9x4.2x2.8	3414	37.38	42	2520	
8	M		8.8x4.3x2.9	3364	37.84	50	2960	
9	M		8.9x4.4x2.9	3396	39.16	50	2870	
10	M		8.9x4.2x2.8	3414	37.38	47	2820	
11	Y		8.8x4.3x2.9	3261	37.84	53	3140	
12	Y		8.9x4.4x2.9	3241	39.16	47	2690	
13	Y		8.9x4.3x2.8	3246	38.27	37	2170	
14	Y		8.7x4.2x2.8	3266	36.54	66	4050	
15	Y		8.7x4.2x2.7	3289	36.54	51	3130	
End	---	---	---	---	---	---	---	---

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