



Plain and Reinforced Concrete Laboratory

Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9601

Dr. Aqsa

To: **Umair Latif, Development Engineer**
University of the Punjab, Office of the Chief Engineer (M/s Excellent Builders).
Project: Construction of Bus Shed at M.T Park at QAC.

Our Ref. No. CL/CED/ 9467 Dated: 13-12-19

Your Ref. No. R-1125-D.E Dated: 05-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 05-12-19 Tested on: 10-12-19 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	Slab (1:2:4)	5	11	2019	6x6x6	9	36	46	2870	Engraved
2	Slab (1:2:4)	5	11	2019	6x6x6	9	36	46	2870	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



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Department of Civil Engineering

University of Engineering and Technology, Lahore

Phone Nos. 042-99029202, 042-99029217

9603

Dr. Aqsa

To: **Manager Projects, Din Houses**

For M1 House.

Project:

Our Ref. No. CL/CED/

9468

Dated:

13-12-19

Your Ref. No.

HM1/M4/LCHS/013

Dated:

04-12-19

COMPRESSION TEST REPORT

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

Specimens received on:

05-12-19

Tested on:

10-12-19

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	RCC Wall (3500 Psi)	8	11	2019	6Diax12	14	28.28	44	3490	Engraved
2	RCC Wall (3500 Psi)	8	11	2019	6Diax12	14	28.28	69	5470	Engraved
3	RCC Wall (3500 Psi)	8	11	2019	6Diax12	14	28.28	55	4360	Engraved
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9605
Dr. Aqsa

To: SMK Properties (Pvt) Ltd.
Unit No.11, Street No. 15F/1, Sector-A, Bahria Enclave, Pakistan.
Project: Nil

Our Ref. No. CL/CED/ 9469 Dated: 13-12-19
Your Ref. No. Nil Dated: 05-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 05-12-19 Tested on: 10-12-19 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	Footing Raft (3750 Psi)	2	11	2019	6Diax12	14	28.28	63	4990	Non Engraved
2	Footing Raft (3750 Psi)	2	11	2019	6Diax12	14.4	28.28	60	4760	Non Engraved
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9615
Dr. Aqsa

To: **Sub Divisional Officer (Buildings)**

Sub Division Sheikhpura.

Project: Construction of 2 Additional Class Rooms (25'x16') with Verandha (7'). (Punjab School Construction & Rehab. Progm.) in GGPS Ratoana Tehsil Skp, Distt. Skp. (EMIS Code 35431007).

Our Ref. No. CL/CED/ 9470 Dated: 13-12-19

Your Ref. No. 6194/S Dated: 02-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 06-12-19 Tested on: 10-12-19 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	RCC Roof Slab	25	11	2019	6Diax12	13.2	28.28	21	1670	Non Engraved
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Phone Nos. 042-99029202, 042-99029217

9586

Dr. M. Yousaf

To: **Sub Divisional Officer**

Public Health Engineering: Sub Divn: Kamalia

Project: Construction of PCC / Tuff Tile / Soling / Resoling Pirmahal City ADP 2019-20 No.986

Our Ref. No. CL/CED/ 9471 Dated: 13-12-19

Your Ref. No. 218/k Dated: 02-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-12-19 Tested on: 13-12-19 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	Rectangular Grey		7.8x3.9x2.3	2841	30.42	114	8400	
2	Rectangular Grey		7.8x3.9x2.3	2942	30.42	118	8690	
3	Rectangular Grey		7.8x3.9x2.3	2960	30.42	99	7290	
4	Rectangular Grey		7.8x3.9x2.3	2851	30.42	94	6930	
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Results can also be seen on website http://www.uet.edu.pk/faculties/facultiesinfo/departement?RID=testing_reports&id=6

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supervisor(lab)

Director/Dy. Director Concrete Laboratory



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Phone Nos. 042-99029202, 042-99029217

9586

Dr. M. Yousaf

To: **Sub Divisional Officer**

Public Health Engineering: Sub Divn: Kamalia

Project: Construction of PCC / Tuff Tile / Soling / Resoling Pirmahal City ADP 2019-20 No.989

Our Ref. No. CL/CED/ 9472 Dated: 13-12-19

Your Ref. No. 217/k Dated: 02-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-12-19 Tested on: 13-12-19 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	Rectangular Grey		7.8x3.9x2.3	2950	30.42	90	6630	
2	Rectangular Grey		7.8x3.9x2.3	2881	30.42	100	7370	
3	Rectangular Grey		7.8x3.9x2.3	2878	30.42	100	7370	
4	Rectangular Grey		7.8x3.9x2.3	2891	30.42	100	7370	
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Director/Dy. Director Concrete Laboratory



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9586

To: **Sub Divisional Officer**

Engr. Abdul Rehman

Public Health Engineering: Sub Divn: Kamalia

Project: Pavement & Drains Etc: in UC No.71, 79,80,81 & 82 Tehsil Pirmahal Dist: Toba Tek Singh (ADP No.1307)

Our Ref. No. CL/CED/

9473

Dated:

13-12-19

Your Ref. No.

219/k

Dated:

02-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 03-12-19 Tested on: 12-12-19 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	OK		8.5x4.1x2.5	2560	34.85	32	2060	
2	OK		8.5x4.1x2.5	2531	34.85	36	2320	
3	OK		8.6x4.2x2.6	2569	36.12	33	2050	
4	OK		8.5x4.1x2.5	2574	34.85	39	2510	
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9599

To: **Engr. Usama Mahmood (Project Engineer)**

Engr. Abdul Rehman

Dr. AQ Khan Hospital Trust

Project: Construction of Dr. AQ Khan Hospital Trust Lahore

Our Ref. No. CL/CED/

9474

Dated:

13-12-19

Your Ref. No.

DAQKH/017

Dated:

03-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 04-12-19 Tested on: 12-12-19 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	2 5		8.9x4.4x2.9	3287	39.16	29	1660	
2	2 5		8.9x4.4x2.9	3112	39.16	39	2240	
3	2 5		9.0x4.5x2.9	3137	40.5	39	2160	
4	K 2		9.0x4.5x3.0	3091	40.5	36	2000	
5	K 2		9.0x4.5x3.0	3108	40.5	51	2830	
6	K 2		9.0x4.5x3.0	3119	40.5	33	1830	
7	M S		8.9x4.5x2.9	3285	40.05	43	2410	
8	M S		8.9x4.5x2.9	3350	40.05	40	2240	
9	M S		8.9x4.5x2.9	3309	40.05	40	2240	
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9606
Dr. Aqsa

To: Salveo (Pvt.) Ltd.
Al- Hafeez Business Centre, Lahore
Project: Salveo (Pvt.) Ltd.

Our Ref. No. CL/CED/ 9475 Dated: 13-12-19
Your Ref. No. Nil Dated: 05-12-19

COMPRESSION TEST REPORT

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

Specimens received on: 05-12-19 Tested on: 10-12-19 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		9	11	2019	6Diax12	14.2	28.28	67	5310	Non Engraved
2		9	11	2019	6Diax12	14.2	28.28	61	4840	Non Engraved
3		13	11	2019	6Diax12	14.4	28.28	66	5230	Non Engraved
4		13	11	2019	6Diax12	14.2	28.28	61	4840	Non Engraved
5		11	11	2019	6Diax12	14.2	28.28	57	4520	Non Engraved
6		16	11	2019	6Diax12	14	28.28	45	3570	Non Engraved
7		17	11	2019	6Diax12	14.2	28.28	67	5310	Non Engraved
8		15	11	2019	6Diax12	14.2	28.28	57	4520	Non Engraved
9		12	11	2019	6Diax12	14.2	28.28	67	5310	Non Engraved
10		14	11	2019	6Diax12	14.4	28.28	65	5150	Non Engraved
11										
12										
13										
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