

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

#### 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

Casting Date\* Size Weight Area of Ultimate Ultimate Š X-Mark\* /Wet Weight (in) (lbs./gms) load Stress Remarks Section ي. ت (Sq. in) (Tons/lbs) (gms) (Psi) 1 Slab (1:2:4) 5 11 2019 6x6x6 9 36 46 2870 Engraved 2 5 2019 2870 Slab (1:2:4) 11 6x6x6 9 36 46 Engraved 3 4 5 6 7 8 9 10 11 12 13 14 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"diax12" cylinder) strength at 28 days as comprensive 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**

9601 Dr. Aqsa



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

#### 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

9603

Dr. Aqsa

		Ca	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Λ	Vet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
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
4										
5										
6										
7										
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9										
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)



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

To: SMK Properties (Pvt) Ltd.

9605 Dr. Aqsa

Unit No.11, Street No. 15 Project: Nil	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

		Ca	asting	g Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	Ν	Vet V	Veight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gn	ns)			(Sq. in)	(Tons/lbs)	(Psi)	
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
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)



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

To: Sub Divisional Officer (Buildings)

9615 Dr. Aqsa

Sub Division Sheikhupura.

Project: Construction of 2 Additional Class Rooms (25'x16') with Verandha (7'). (Punjab School Construction & Rehab. Progrm.) 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

		Ca	sting D	ate*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No.	Mark*	M	/et We	ight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
			(gms)	)			(Sq. in)	(Tons/lbs)	(Psi)	
1	RCC Roof Slab	25	11	2019	6Diax12	13.2	28.28	21	1670	Non Engraved
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

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supervisor(lab)



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

To: Sub Divisional Officer

9586 Dr. M. Yousaf

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 T

Tested on:

13-12-19 in dry/wet condition

		Casting						
		Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No	Mark*	/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
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	
5								
6								
7								
8								
9								
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11								
12								
13								
14								
15								
16								

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supervisor(lab)



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

To: Sub Divisional Officer

9586 Dr. M. Yousaf

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	Size (in)	Weight (Ibs./gms)	Area of X- Section	Ultimate load	Ultimate Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
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	
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

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supervisor(lab)



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

To: Sub Divisional Officer

9586 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

-	Mark*	Casting Date*	Size	Weight	Area of	Ultimate	Ultimate	
Sr. No		/Wet Weight	(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)			(Sq. in)	(Tons/lbs)	(Psi)	
1	ОК		8.5x4.1x2.5	2560	34.85	32	2060	
2	ОК		8.5x4.1x2.5	2531	34.85	36	2320	
3	ОК		8.6x4.2x2.6	2569	36.12	33	2050	
4	ОК		8.5x4.1x2.5	2574	34.85	39	2510	
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								

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supervisor(lab)



To: Engr. Usama Mahmood (Project Engineer)

Project: Construction of Dr. AQ Khan Hospital Trust Lahore

9474

Dr. AQ Khan Hospital Trust

Our Ref. No. CL/CED/

# Plain and Reinforced Concrete Laboratory Department of Civil Engineering

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

13-12-19

9599

Engr.Abdul Rehman

Your Ref. No.		DAQ	KH/017	Dated:	03-12-19					
COMPRESSION TEST REPORT										
Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers										
mens received on:	04-12-19		Tested on:	ed on:		in dry/wet c	in dry/wet condition			
Mark*	Casting Date* /Wet Weight (gms)		Size	Weight	Area of	Ultimate	Ultimate			
			(in)	(lbs./gms)	X-Section	load	Stress	Remarks		
					(Sq. in)	(Tons/lbs)	(Psi)			
2 5			8.9x4.4x2.9	3287	39.16	29	1660			
2 5			8.9x4.4x2.9	3112	39.16	39	2240			
2 5			9.0x4.5x2.9	3137	40.5	39	2160			
K 2			9.0x4.5x3.0	3091	40.5	36	2000			
K 2			9.0x4.5x3.0	3108	40.5	51	2830			
K 2			9.0x4.5x3.0	3119	40.5	33	1830			
MS			8.9x4.5x2.9	3285	40.05	43	2410			
MS			8.9x4.5x2.9	3350	40.05	40	2240			
MS			8.9x4.5x2.9	3309	40.05	40	2240			
	rete Cubes/Concrete mens received on: Mark* 2 5 2 5 2 5 2 5 K 2 K 2 K 2 K 2 K 2 M S M S M S M S	rete Cubes/Concrete Cylind mens received on: 04-1. Mark* (gn 2 5 2 5 2 5 2 5 2 5 4 K 2 4 K 2 4 K 2 4 M S 4 M	Four Ker. No. DAGE   rete Cubes/Concrete Cylinders/B   mens received on: 04-12-19   Mark* Casting Date* /Wet Weight (gms)   2 5 1   2 5 1   2 5 1   2 5 1   2 5 1   2 5 1   K 2 1   K 2 1   M S	Total Ref. No. DAGRITOTY   COMPRESSIO   rete Cubes/Concrete Cylinders/Bricks/Cores/Tr   mens received on: 04-12-19 Tested on:   Mark* Casting Date* (Weight (gms) Size (in)   2 5 8.9x4.4x2.9   2 5 8.9x4.4x2.9   2 5 9.0x4.5x3.0   K 2 9.0x4.5x3.0   K 2 9.0x4.5x3.0   K 2 9.0x4.5x3.0   M S 8.9x4.5x2.9   M S 9.04.5x3.0	Tod Ker. No. Drack (017) Date.   COMPRESSION TESS   rete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pave   mens received on: 04-12-19 Tested on:   Mark* Casting Date* /Weight (gms) Size (in) Weight (bs./gms)   2 5 8.9x4.4x2.9 3287   2 5 8.9x4.4x2.9 3112   2 5 9.0x4.5x3.0 3091   K 2 9.0x4.5x3.0 3108   K 2 9.0x4.5x3.0 3119   M S 8.9x4.5x2.9 3285   M S 8.9x4.5x2.9 3350   M S 8.9x4.5x2.9 3309   M S 8.9x4.5x2.9 3309   M S 8.9x4.5x2.9 3309   M S 8.9x4.5x2.9 3309	Toda Ker. No. DAGM 1017 Date. OSA.   COMPRESSION TEST REPC   rete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers   mens received on: 04-12-19 Tested on: 12-12-19   Mark* Casting Date* /Wet (in) Size (in) Weight (lbs./gms) Area of X-Section (Sq. in)   2 5 8.9x4.4x2.9 3287 39.16   2 5 8.9x4.4x2.9 3112 39.16   2 5 9.0x4.5x2.9 3112 39.16   2 5 9.0x4.5x3.0 3091 40.5   K 2 9.0x4.5x3.0 3119 40.5   K 2 9.0x4.5x3.0 3119 40.5   M S 8.9x4.5x2.9 3285 40.05   M S 8.9x4.5x2.9 3350 40.05   M S 8.9x4.5x2.9 3309 40.05   M S 9.0 1 1 1   1 1 1	Total Net. Not.   DADA(NOT)   Dated.   05/12/13     COMPRESSION TEST REPORT     rete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers     mens received on:   04-12-19   Tested on:   12-12-19   in dry/wet of load     Mark*   Casting Date* Weight (gms)   Size   Weight (lbs./gms)   Area of Veight (Sq. in)   Ultimate load     2 5   8.9x4.4x2.9   3287   39.16   29     2 5   8.9x4.4x2.9   3112   39.16   39     2 5   9.0x4.5x3.0   3091   40.5   36     K 2   9.0x4.5x3.0   3108   40.5   51     K 2   9.0x4.5x3.0   3119   40.5   33     M S   8.9x4.5x2.9   3285   40.05   40     M S   8.9x4.5x2.9   3350   40.05   40     M S   8.9x4.5x2.9   3309   40.05   40     M S   8.9x4.5x2.9   3309   40.05   40     M S   8.9x4.5x2.9   3309   40.05   40	Total No. Decknol (1) Date. 03/12/13   COMPRESSION TEST REPORT   rete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers   mens received on: 04-12-19 Tested on: 12-12-19 in dry/wet condition   Mark* Casting Date* Size Weight (in) Weight (bs./gms) Area of (bs./gms) Ultimate Ultimate   2 5 8.9x4.4x2.9 3287 39.16 29 1660   2 5 9.0x4.5x2.9 3112 39.16 39 2240   2 5 9.0x4.5x2.9 3112 39.16 39 2240   2 5 9.0x4.5x3.0 3091 40.5 36 2000   K 2 9.0x4.5x3.0 3119 40.5 31 2830   K 2 9.0x4.5x3.0 3119 40.5 40 2240   M S 8.9x4.5x2.9 3285 40.05 43 2410   M S 8.9x4.5x2.9 3309 40.05 40 2240   M S 8.9x4.5x2.9 3309 40.05 40 2240   M S 8.9x4.5x2.9		

Dated:

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supervisor(lab)



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

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

	Mark*	Casting Date*		Size	Weight	Area of	Ultimate	Ultimate		
Sr. No.		/Wet Weight			(in)	(lbs./gms)	X- Section	load	Stress	Remarks
		(gms)					(Sq. in)	(Tons/lbs)	(Psi)	
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										
14										
15										
16										

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supervisor(lab)