

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 **ORIGINAL**

A carbon copy for the report has been retained in the lab for record.

2652 Dr. M. Yousaf

To: Mr. Sarfraz Rasheed, GM Projects

Our Ref. No. CL/CED/ 7005

For Ittefaq Building Solutions (Pvt) Ltd.

Project: Allied Bank Limited Branch at Khurrianwala-Faisalabad.

Your Ref. No. 25-01-22 Dated:

Dated:

31-01-22

COMPRESSION TEST REPORT

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

Tested on: Specimens received on: 25-01-22 28-01-22 in dry/wet condition



Test Specification

(ASTM C39)



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft (3000 Psi)	14	1	2022	6Diax12		13.2	28.28	63	4990		Non Engraved
2	Raft (3000 Psi)	14	1	2022	6Diax12		13.8	28.28	67	5307		Non Engraved
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Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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2599 Dr. M. Yousaf

To: Mr. Zubair Ahmed

Zubair Ahmed Engineers & Contractors.

Our Ref. No. CL/CED/ 7006

Project: Bank Al-Habib Allama Iqbal Town Branch, Lahore.

1 Toject. Bank Al-Habib Allama Iqbai Town Branch, Lanore.

Your Ref. No. Nil Dated: 17-01-22

Dated:

31-01-22

COMPRESSION TEST REPORT

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

Specimens received on: 17-01-22 Tested on: 28-01-22 in dry/wet condition



Test Specification

(ASTM C39)



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	G.F. Slab	17	12	2021	6Diax12		14.2	28.28	60	4752		Non Engraved
2	G.F. Slab	17	12	2021	6Diax12		14	28.28	42	3327		Non Engraved
3	G.F. Slab	17	12	2021	6Diax12		14.4	28.28	68	5386		Non Engraved
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Witnessed by: Nil

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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2661 Dr. M. Yousaf

To: (M. Nadeem Zafar Ullah), Incharge (Civil) For Managing Director, SNGPL, Lahore.

Project: Construction of Room Pathways & Shed at Domestic Meter Inspection Shop, Sundar, Lahore.

Our Ref. No. CL/CED/ 7007 Dated: 31-01-22

Your Ref. No. CC/DMIS/SUNDAR/01 Dated: 18-01-22

COMPRESSION TEST REPORT

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

Specimens received on: 26-01-22 Tested on: 28-01-22 in dry/wet condition



Test Specification

(BS 1881-116)



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		18	11	2021	6x6x6		8.4	36	84	5227		Engraved
2		18	11	2021	6x6x6		8.4	36	81	5040		Engraved
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Witnessed by: Nil

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- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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2643 Dr. M. Yousaf

To: Project Manager

Q-Links Property Management Pvt. Ltd.

Project: BH-3, Orchard Mall, Bahria Orchard, Lahore.

Our Ref. No. CL/CED/ 7008 Dated: 31-01-22 <u>Test Specification</u>

Your Ref. No. QLC-BO-BH2-2022-01-LTR-12 Dated: 20-01-22

COMPRESSION TEST REPORT

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

Specimens received on: 24-01-22 Tested on: 28-01-22 in dry/wet condition



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Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Solid Block				11.9x4.0x8.0		13	47.6	15	706		
2	Solid Block				11.8x5.9x8.0		20	69.62	23	740		
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Witnessed by: Nil

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> 2563 Dr. M. Yousaf

To: Sub Divisional Officer

Pandoki Sub Division, Pandoki.

Project: Rehabilitation of Main Branch Lower from RD 303+000 to 359+000 (Package-B).

Our Ref. No. CL/CED/ 7009 Dated: 31-01-22

Your Ref. No. 847/6-W Dated: 20-12-21

Test Specification (----)

COMPRESSION TEST REPORT

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

Specimens received on: 11-01-22 Tested on: 28-01-22 in dry/wet condition





Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load		Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
PK				8.9 x 4.2 x 3.1	3525	3110	37.38	43	2577	13.34	
PK				8.8 x 4.3 x 3	3515	3135	37.84	44	2605	12.12	
PK				8.7 x 4.3 x 2.9	3520	3160	37.41	46	2754	11.39	
PK				8.9 x 4.3 x 2.8	3475	3145	38.27	48	2810	10.49	
P-1				8.7 x 4 x 3	3490	3190	34.8	53	3411	9.4	
P-1				8.7 x 4.2 x 2.9	3625	3250	36.54	48	2943	11.54	
P-1				8.8 x 4.2 x 2.9	3520	3205	36.96	38	2303	9.83	
P-1				8.7 x 4.2 x 3	3425	3175	36.54	47	2881	7.87	
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	PK PK PK PH P-1 P-1 P-1	PK PK PK PK PH P-1 P-1 P-1	Mark* DD MM PK PK PK PH P-1 P-1 P-1 P-1	PK PK PK PK PH P-1 P-1 P-1 P-1 P-1	Mark* DD MM YYYY (in) PK 8.9 x 4.2 x 3.1 PK 8.8 x 4.3 x 3 PK 8.7 x 4.3 x 2.9 PK 8.9 x 4.3 x 2.8 P-1 8.7 x 4 x 3 P-1 8.7 x 4.2 x 2.9 P-1 8.8 x 4.2 x 2.9 P-1 8.8 x 4.2 x 2.9 P-1 8.7 x 4.2 x 3	Mark* Casting Date* Size Weight PK 8.9 x 4.2 x 3.1 3525 PK 8.9 x 4.2 x 3.1 3525 PK 8.8 x 4.3 x 3 3515 PK 8.7 x 4.3 x 2.9 3520 PK 8.9 x 4.3 x 2.8 3475 P-1 8.7 x 4.2 x 2.9 3625 P-1 8.8 x 4.2 x 2.9 3520 P-1 8.7 x 4.2 x 2.9 3520 P-1 8.8 x 4.2 x 2.9 3520 P-1 8.7 x 4.2 x 3 3425 </td <td>Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/gms) (Kg/gms) PK 8.9 x 4.2 x 3.1 3525 3110 PK 8.8 x 4.3 x 3 3515 3135 PK 8.7 x 4.3 x 2.9 3520 3160 PK 8.9 x 4.3 x 2.8 3475 3145 P-1 8.7 x 4.2 x 2.9 3625 3250 P-1 8.8 x 4.2 x 2.9 3520 3205 P-1 8.7 x 4.2 x 3 3425 3175 </td> <td>Mark* Casting Date*</td> <td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) Load (Imp.Tons) PK 8.9 x 4.2 x 3.1 3525 3110 37.38 43 PK 8.8 x 4.3 x 3 3515 3135 37.84 44 PK 8.7 x 4.3 x 2.9 3520 3160 37.41 46 PK 8.9 x 4.3 x 2.8 3475 3145 38.27 48 P-1 8.7 x 4.2 x 2.9 3625 3250 36.54 48 P-1 8.8 x 4.2 x 2.9 3520 3205 36.96 38 P-1 8.7 x 4.2 x 2.9 3520 3205 36.96 38 P-1 8.7 x 4.2 x 3 3425 3175 36.54 47 </td> <td>Mark* Casting Date* Size Weight Weight (Kg/ gms) (Kg/ gm</td> <td>Mark*</td>	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/gms) (Kg/gms) PK 8.9 x 4.2 x 3.1 3525 3110 PK 8.8 x 4.3 x 3 3515 3135 PK 8.7 x 4.3 x 2.9 3520 3160 PK 8.9 x 4.3 x 2.8 3475 3145 P-1 8.7 x 4.2 x 2.9 3625 3250 P-1 8.8 x 4.2 x 2.9 3520 3205 P-1 8.7 x 4.2 x 3 3425 3175	Mark* Casting Date*	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) Load (Imp.Tons) PK 8.9 x 4.2 x 3.1 3525 3110 37.38 43 PK 8.8 x 4.3 x 3 3515 3135 37.84 44 PK 8.7 x 4.3 x 2.9 3520 3160 37.41 46 PK 8.9 x 4.3 x 2.8 3475 3145 38.27 48 P-1 8.7 x 4.2 x 2.9 3625 3250 36.54 48 P-1 8.8 x 4.2 x 2.9 3520 3205 36.96 38 P-1 8.7 x 4.2 x 2.9 3520 3205 36.96 38 P-1 8.7 x 4.2 x 3 3425 3175 36.54 47	Mark* Casting Date* Size Weight Weight (Kg/ gms) (Kg/ gm	Mark*

Witnessed by:

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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ORIGINAL

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> 2585 Engr. Ubaid

To: Executive Engineer (B&W)

Your Ref. No.

UVAS, Lahore. (M/S Pak Shahid Developers)

E.E.712

Project: Provision of Urgently Needed Female Hostel Facilities at University of Veterinary & Animal

Sciences at Ravi Campus, Pattoki.

Our Ref. No. CL/CED/ 7010

Dated: 31-01-22 Dated: 11-01-22

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COMPRESSION TEST REPORT

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

Specimens received on: 13-01-22 Tested on: 27-01-22 in dry/wet condition



Test Specification



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	125				8.7 x 4.3 x 2.7	3285	2825	37.41	31	1856	16.28	
2	125				8.8 x 4.2 x 2.8	3420	2920	36.96	27	1636	17.12	
3	125				8.8 x 4.2 x 2.9	3585	3095	36.96	43	2606	15.83	
4	125				8.7 x 4.2 x 2.8	3450	2940	36.54	30	1839	17.35	
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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> 2529 Engr. Ubaid

To: Sub Divisional Officer

Buildings Sub Division No.22, Lahore.

Project: Construction of Building for E-Library & Research Facilities in Board for Advancement of

Literature, Lahore ADP No.6940 for the Year 2021-22

Our Ref. No. CL/CED/ 7011

Dated: 31-01-22

28-12-21

Test Specification (----)

Your Ref. No. 276/22nd Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 04-01-22 Tested on: 27-01-22 in dry/wet condition





Sr. No.	Mark*	Cas	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	SB		 	9 x 4.5 x 3	3835	3330	40.5	37	2046	15.17	
•	36		 	9 X 4.5 X 3	3035	3330	40.5	3/	2046	15.17	
2	SB		 	9 x 4.3 x 2.8	3880	3325	38.7	44	2547	16.69	
3	SB		 	8.9 x 4.4 x 2.9	3815	3280	39.16	34	1945	16.31	
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Witnessed by:

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2549 Dr. M. Yousaf

To: Resident Engineer

ESS-I-AAR Consultant. Jhang City.

Project: Rehabilitation / Improvement of Sewerage System Jhang Phase-1.

Our Ref. No. CL/CED/ 7012 Dated: 31-01-22 <u>Test Specification</u>

Your Ref. No. "1218" Dated: 04-01-22 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 07-01-22 Tested on: 28-01-22 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	AHN				8.5 x 4.2 x 2.8	3065	2770	35.7	33	2071	10.65	
2	AHN				8.5 x 4.1 x 2.7	2915	2735	34.85	39	2507	6.58	
3	AHN				8.5 x 4 x 2.8	2905	2725	34	53	3492	6.61	
4	AHN				8.5 x 4.1 x 2.7	3025	2730	34.85	33	2121	10.81	
5	AHN				8.5 x 4.1 x 2.6	2815	2640	34.85	36	2314	6.63	
6	AHN				8.5 x 4.2 x 2.7	3090	2890	35.7	38	2384	6.92	
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Witnessed by:

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2576 Dr. M. Yousaf

To: Engr. Muhammad Waqas Younis

Your Ref. No.

Maintenance Engineer PU, Lahore.

Project: Construction of three Labs & Nine Faculty Offices at First Floor of Institute of Chemistry at Q.A.C.

University of the Punjab, Lahore.

Our Ref. No. CL/CED/ 7013

D-1880-DE

Dated: 31-01-22

Test Specification
(BS 3921**)

Dated: 11-01-22

COMPRESSION TEST REPORT

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

Specimens received on: 12-01-22 Tested on: 28-01-22 in dry/wet condition





Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	МВ				8.8 x 4.2 x 3	3400	3160	36.96	47	2848	7.59	
2	MB				8.7 x 4.3 x 3	3430	3080	37.41	40	2395	11.36	
3	МВ				9 x 4.2 x 3	3580	3300	37.8	36	2133	8.48	
4	МВ				8.7 x 4.3 x 2.9	3345	3103	37.41	32	1916	7.8	
5	МВ				8.6 x 4.1 x 3	3350	3040	35.26	53	3367	10.2	
6	МВ				8.9 x 4.3 x 2.9	3530	3245	38.27	38	2224	8.78	
7	МВ				8.9 x 4.2 x 2.9	3565	- 3300	37.38	36	2157	8.03	
8	МВ				8.7 x 4.2 x 3	3400	2885	36.54	36	2207	17.85	
9	МВ				8.7 x 4.2 x 2.8	3170	2765	36.54	37	2268	14.65	
10	МВ				8.6 x 4.2 x 2.9	3075	2800	36.12	42	2605	9.82	
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Witnessed by:

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- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2625 Dr. Aqsa

To: Mr. Muhammad Saleem, GM

Our Ref. No. CL/CED/ 7014

Professional Construction Services (Pvt) Ltd.

Project: Construction of Allied Bank PIA Employees Society, Lahore. (First Floor Slab 2nd)

Troject. Construction of Affice Bank Fix Employees decicty, Earlore. (First Floor Glab End)

Your Ref. No. PCS/22/Eng-07-A Dated: 20-01-22

Dated:

31-01-22

COMPRESSION TEST REPORT

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

Specimens received on: 20-01-22 Tested on: 31-01-22 in dry/wet condition



Test Specification

(ASTM C39)



Sr. No.	Mark*	Cas DD		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:2:4)	13	12	2021	6Diax12		14.2	28.28	77	6099		Non Engraved
2												
3												
4												
5					/	GINE	RINE					
6						READIN	200					
7						DHE NAME OF THY LIDRO WHO	16	-				
8												
9						-						
10						-LA	PORE .					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2625 Dr. Aqsa

To: Mr. Muhammad Saleem, GM

Our Ref. No. CL/CED/ 7015

Professional Construction Services (Pvt) Ltd.

Project: Construction of Allied Bank PIA Employees Society, Lahore. (First Floor Slab 2nd)

Your Ref. No. PCS/22/Eng-07-B Dated: 20-01-22

Dated:

31-01-22

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-01-22 Tested on: 31-01-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	(1:2:4)	13	12	2021	6Diax12		14	28.28	83	6574		Non Engraved
2												
3												
4												
5					/	GINE	RIATE					
6						READW						
7						DHE NIGGE OE THY LIDRO WHO	14.					
8					on			INO				
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10						O LA	ORE					
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12												
13												
14												
15												
16												

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2625 Dr. Aqsa

To: Mr. Muhammad Saleem, GM

Our Ref. No. CL/CED/ 7016

Professional Construction Services (Pvt) Ltd.

Project: Construction of Allied Bank PIA Employees Society, Lahore. (First Floor Slab 2nd)

Your Ref. No. PCS/22/Eng-07-C Dated: 20-01-22

Dated:

31-01-22

COMPRESSION TEST REPORT

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

Specimens received on: 20-01-22 Tested on: 31-01-22 in dry/wet condition



Test Specification

(ASTM C39)



-												
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(1:2:4)	13	12	2021	6Diax12		13.6	28.28	80	6337		Non Engraved
2												
3												
4												
5					/	GINE	RINE					
6						TREADIN	San C	X				
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15												
16												
\A/:4	ad bur Nil							<u> </u>			<u> </u>	

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2642 Dr. Aqsa

To: Project Manager

Q-Links Property Management Pvt. Ltd.

Project: Jasmine Grand Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 7017 Dated:

Your Ref. No. QLC-BO-BH2-2022-01-LTR-13 Dated: 24-01-22

Test Specification

(ASTM C39)

31-01-22

COMPRESSION TEST REPORT

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

Specimens received on: 24-01-22 Tested on: 31-01-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
	Basement Column		MINI	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	(,	
1	(5500 Psi)	23	12	2021	6Diax12		13	28.28	80	6337		Non Engraved
2	SOG (3000 Psi)	23	12	2021	6Diax12		13	28.28	41	3248		Non Engraved
3	SOG (3000 Psi)	23	12	2021	6Diax12		13.2	28.28	44	3485		Non Engraved
4												
5					/	GINE	RINE					
6						READIN	200	X				
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10						-LA	ORE					
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12												
13												
14												
15												
16												

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2660 Dr. Aqsa

To: Mr. Wasiq Akram, Planning and Coordination Engineer

Ittefaq Building Solutions (Pvt) Ltd. Lahore.

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7).

Our Ref. No. CL/CED/ 7018 Dated: 31/01/2022

Your Ref. No. IBS/M-7/Slab-Card Dated: 25/01/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/01/2022 Tested on: 31/01/2022 in dry/wet condition



Test Specification



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks	
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	Slab (Card) - Set 41	14	12	2021	6Diax12		14	28.28	93	7366		Non Engraved	
2	Slab (Card) - Set 41	14	12	2021	6Diax12		13.8	28.28	80	6337		Non Engraved	
3	Slab (Card) - Set 41	14	12	2021	6Diax12		14	28.28	74	5861		Non Engraved	
4													
5					/	GHE	RINE						
6						READIN	200						
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10					<	LA	IORE						
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12													
13													
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15													
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1471		Mitanasad bu Nil											

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2660 Dr. Aqsa

To: Mr. Wasiq Akram, Planning and Coordination Engineer

Ittefaq Building Solutions (Pvt) Ltd. Lahore.

Project: Master Textile Mills Ltd (Extension of Spinning Unit M-7)

Our Ref. No. CL/CED/ 7019 Dated: 31/01/2022 <u>Test Specification</u>

Your Ref. No. IBS/M-7/Beam-Blowroom Dated: 25/01/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/01/2022 Tested on: 31/01/2022 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
I	Beam (Blow-Room)- Set 42	24	12	2021	6Diax12		14	28.28	66	5228		Non Engraved
_	Beam (Blow-Room)- Set 42	2-	12	2021	6Diax12		13.2	28.28	63	4990		Non Engraved
3	Beam (Blow-Room)- Set 42	24	12	2021	6Diax12		14.2	28.28	69	5465		Non Engraved
4												
5						THE	RIATE					
6						READW	200					
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\A/:4	and by a Nil						_					

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2659 Dr. Aqsa

To: Mr. Nouman Rafique, Chief Technical Officer,

Sabcon Associates (Pvt) Ltd. Lahore Cantt.

Project: Construction of Commercial Building at 51A Gulberg-III, Lahore.

 Our Ref. No. CL/CED/
 7020
 Dated:
 31/01/2022
 Test Specification

 Your Ref. No.
 SABCON/2022/CTO/04
 Dated:
 25/01/2022
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 26/01/2022 Tested on: 31/01/2022 in dry/wet condition



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Slab	20	12	2021	6Diax12		13	28.28	66	5228		Non Engraved
2	Slab	20	12	2021	6Diax12		13.2	28.28	69	5465		Non Engraved
3												
4												
5					/	RINE	RINE					
6						READW	200					
7						DHE NAME OF THY LIDRO WHO	- F					
8					00							
9						_						
10						-LA	ORE					
11												
12												
13												
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Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2646 Dr. Aqsa

To: Mr. Muhammad Azeem, (Operation Manager)

Amer Adnan Associates, Gulberg-III, Lahore.

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

 Our Ref. No. CL/CED/
 7021
 Dated:
 31/01/2022
 Test Specification

 Your Ref. No.
 AAA/24A/0070
 Dated:
 23/01/2022
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/01/2022 Tested on: 31/01/2022 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4000 Psi	27	12	2021	6Diax12		13.8	28.28	47	3723		Non Engraved
2	4000 Psi	27	12	2021	6Diax12		14	28.28	38	3010		Non Engraved
3												
4												
5					/	GINE	RING					
6						READIN						
7						DHE NAME OF THY LIGHT WHO	JE					
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10					<	-LA	IORE					
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14												
15												
16												
14.04	Mitanasad bu Nil											

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2658 Dr. Aqsa

To: Sub Divisional Officer

Our Ref. No. CL/CED/ 7022

Public Health Engineering Sub Division Kamalia.

Project: Provision of Tuff Tiles Kamalia City District T.T. Singh. (ADP No. 2339).

Your Ref. No. 248/K Dated: 19/01/2022

ated: 19/01/2022 (----)

31/01/2022

Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 26/1/2021 Tested on: 31/01/2022 in dry/wet condition



Test Specification



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2675	29.26	119	9110		
2	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2635	29.26	107	8191		
3	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2610	29.26	80	6124		
4	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2655	29.26	102	7809		
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Your Ref. No.

Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2648 Dr. M. Yousaf

To: Mr. Faiz Muhammad Rind, Resident Engineer

Kachhi Canal Remaining Works Consultants. KC-6B (2R), MM Pakistan (Pvt.) Ltd. Lahore.

Project: Kacchi Canal Project-Contract KC-6B (2R) Const. of Main Canal and Distribution System (Earthwork, Structures & Lining of Main Canal & Distributries) From RD 1193+000 to RD 1252+000.

Our Ref. No. CL/CED/ 7023-1 of 3

Dated: 31-01-22

19-01-22

KCB/RE-6B (2R)/22 Dated:

Test Specification

(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 24-01-22 Tested on: 28-01-22 in dry/wet condition





		_							1			
Sr. No.	Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	on (%)	
1	Gomal				8.5 x 4 x 2.5		2235	34	38	2504		
2	Gomal				8.5 x 3.9 x 2.6		2240	33.15	39	2635		
3	Gomal				8.6 x 4 x 2.7		2280	34.4	36	2344		
4	Gomal				8.5 x 3.9 x 2.7		2235	33.15	43	2906		
5	Gomal				8.4 x 4 x 2.7	CHIE	2220	33.6	25	1667		
6	Gomal				8.5 x 3.9 x 2.7	2925	2385	33.15			22.64	
7	Gomal				8.4 x 3.9 x 2.8	2635	2200	32.76			19.77	
8	Gomal				8.3 x 3.8 x 2.7	2585	2170	31.54			19.12	
9	Gomal				8.5 x 3.9 x 2.7	2680	2255	33.15			18.85	
10	Gomal				8.3 x 4 x 2.6	2540	2150	33.2			18.14	
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1474	With a coord by:											

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL

A carbon copy for the report has been retained in the lab for record.

> 2648 Dr. M. Yousaf

To: Mr. Faiz Muhammad Rind, Resident Engineer

Kachhi Canal Remaining Works Consultants. KC-6B (2R), MM Pakistan (Pvt.) Ltd. Lahore.

Project: Kacchi Canal Project-Contract KC-6B (2R) Const. of Main Canal and Distribution System (Earthwork, Structures & Lining of Main Canal & Distributries) From RD 1193+000 to RD 1252+000.

Our Ref. No. CL/CED/ 7023-2 of 3

Dated: 31-01-22

Your Ref. No. KCB/RE-6B (2R)/22 Dated: 19-01-22

Test Specification

(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 24-01-22 Tested on: 28-01-22 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	NP				8.4 x 4.2 x 2.8		2410	35.28	43	2730		
2	NP				8.5 x 4.1 x 2.7		2460	34.85	46	2957		
3	NP				8.7 x 4.1 x 3		2685	35.67	35	2198		
4	NP				8.7 x 4.1 x 3		2650	35.67	40	2512		
5	NP				8.6 x 4.1 x 2.9	GINE	2505	35.26	40	2541		
6	NP				8.7 x 4.2 x 2.7	2945	2500	36.54			17.8	
7	NP				8.6 x 4 x 2.8	3070	2520	34.4			21.83	
8	NP				8.7 x 4.2 x 2.7	3050	2415	36.54			26.29	
9	NP				8.6 x 4.2 x 2.8	3000	2530	36.12			18.58	
10	NP				8.5 x 4.1 x 2.8	3005	2525	34.85			19.01	
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 **ORIGINAL**

A carbon copy for the report has been retained in the lab for record.

> 2648 Dr. M. Yousaf

To: Mr. Faiz Muhammad Rind, Resident Engineer

Kachhi Canal Remaining Works Consultants. KC-6B (2R), MM Pakistan (Pvt.) Ltd. Lahore.

Project: Kacchi Canal Project-Contract KC-6B (2R) Const. of Main Canal and Distribution System (Earthwork, Structures & Lining of Main Canal & Distributries) From RD 1193+000 to RD 1252+000.

Our Ref. No. CL/CED/ 7023-3 of 3 Dated:

31-01-22

Test Specification

KCB/RE-6B (2R)/22 Your Ref. No.

19-01-22 Dated:

(BS 3921**)

COMPRESSION TEST REPORT

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

in dry/wet condition 24-01-22 Tested on: 28-01-22 Specimens received on:





Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD MM YYYY			(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	on (%)	
1	AK				8.7 x 4.2 x 2.6		2745	36.54	43	2636		
2	AK				8.8 x 4.3 x 2.7		2660	37.84	40	2368		
3	AK				8.7 x 4.1 x 3		2745	35.67	40	2512		
4	AK				8.9 x 4.1 x 2.9		2825	36.49	46	2824		
5	AK				8.7 x 4.1 x 2.7	GILL	2585	35.67	43	2700		
6	AK				8.6 x 4.2 x 2.7	3100	2760	36.12			12.32	
7	AK				8.5 x 4.2 x 2.7	3040	2580	35.7			17.83	
8	AK				8.7 x 4.2 x 2.8	3290	2795	36.54			17.71	
9	AK				8.7 x 4.3 x 2.8	3300	2935	37.41			12.44	
10	AK				8.8 x 4.2 x 2.8	3020	2610	36.96			15.71	
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Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2.The test results are recommended to be interpreted in the light of above factors by the engineer.