

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.

> 4619&4635 Dr. Aqsa

To: (Mr. Muhammad Zahid Hussain), PE (Civil)

Defence Housing Authority Main Office Complex, A Block Commercial Area Ph-VI Lahore Cantt.

Project: Construction of Sec C & Sec L Parks Phase-V.

Our Ref. No. CL/CED/ 985 Dated: 24/01/2023

Your Ref. No. Lab Testing Steel / Maint Dated: 18/01/2023

COMPRESSION TEST REPORT

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

Specimens received on: 20/01/2023 Tested on: 24/01/2023 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	Cobble, Red, 60mm				2.3 thick		1835	20.2	76	8428		
2	Cobble, Red, 60mm				2.3 thick		1850	20.2	62	6875		
3	Cobble, Red, 60mm				2.3 thick		1790	20.2	51	5655		
4	Cobble, Red, 60mm				2.3 thick		1840	20.2	60	6653		
5	Cobble, Black, 60mm				2.3 thick	CINE	1815	20.2	45	4990		
6	Cobble, Black, 60mm				2.3 thick	Topania.	1850	20.2	24	2661		
7	Cobble, Black, 60mm				2.3 thick	THE NAME OF THY LIDED WHO	1825	20.2	54	5988		
8	Cobble, Black, 60mm				2.3 thick	CAEATES	1825	20.2	61	6764		
9	Cobble, Grey, 60mm				2.3 thick	% —	1950	20.2	71	7873		
10	Cobble, Grey, 60mm				2.3 thick	-/4	1810	20.2	53	5877		
11	Cobble, Grey, 60mm				2.3 thick		1870	20.2	61	6764		
12	Cobble, Grey, 60mm				2.3 thick		1780	20.2	43	4768		
13	Cobble, Grey, 60mm				2.3 thick		1875	20.2	50	5545		
14	Cobble, Grey, 60mm				2.3 thick		1725	20.2	43	4768		
15	Cobble, Grey, 60mm				2.3 thick		1835	20.2	42	4657		
16	Cobble, Grey, 60mm				2.3 thick		1925	20.2	55	6099		

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

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> 4620 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 986
 Dated:
 24/01/2023
 Test Specification

 Your Ref. No.
 06/SDO-22
 Dated:
 17/01/2023
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/1/2023 Tested on: 24/01/2023 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC (1:1.5:3) F/Floor Lift	19	12	2022	6x6x6		8.4	36	71	4418		Non Engraved
2	RCC (1:1.5:3) F/Floor Lift	19	12	2022	6x6x6		8.4	36	90	5600		Non Engraved
3	RCC (1:1.5:3) F/Floor Lift	19	12	2022	6x6x6		8.8	36	92	5724		Non Engraved
4												
5						CINE	RING					
6						C Incap w						
7						THE NAME OF THY LIGHT WHO	<u> </u>	=				
8					55	CREATES	500	-				
9							77	7				
10					(-/A	INRE .					
11							I					
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
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To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 987
 Dated:
 24/01/2023
 Test Specification

 Your Ref. No.
 04/SDO-22
 Dated:
 14/01/2023
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/1/2023 Tested on: 24/01/2023 in dry/wet condition





Mark*				Size	Wet Weight			load	Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OH (%)	
Col	17	12	2022	6x6x6		8.4	36	78	4853		Non Engraved
Col	17	12	2022	6x6x6		8	36	64	3982		Non Engraved
RCC (1:1:2) F/Floor Col	17	12	2022	6x6x6		8	36	81	5040		Non Engraved
					. CINE	RING					
					Clause W						
					THE NAME OF THY LORD WHO		E				
				es	CREATES	3					
	-	-			-//	IOR					
	-										
	RCC (1:1:2) F/Floor	Mark* DD RCC (1:1:2) F/Floor Col RCC (1:1:2) F/Floor 17 Col RCC (1:1:2) F/Floor 17 Col	Mark* DD MM RCC (1:1:2) F/Floor Col RCC (1:1:2) F/Floor 17 12 RCC (1:1:2) F/Floor 17 12 Col	RCC (1:1:2) F/Floor COI	Mark* DD MM YYYY (in) RCC (1:1:2) F/Floor COI RCC (1:1:2) F/Floor 17 12 2022 6x6x6 RCC (1:1:2) F/Floor 17 12 2022 6x6x6 RCC (1:1:2) F/Floor 17 12 2022 6x6x6	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms	Mark* Casting Date* Size Weight Weight (Kg/ gms) X-Section RCC (1:1:2) F/Floor COI 17 12 2022 6x6x6 8.4 36 RCC (1:1:2) F/Floor COI 17 12 2022 6x6x6 8 36 RCC (1:1:2) F/Floor COI 17 12 2022 6x6x6 8 36 RCC (1:1:2) F/Floor COI 17 12 2022 6x6x6 8 36 <td> Mark* Casting Date* Size Weight Weight Weight X-Section load </td> <td>Mark* Casting Date* Size Weight Weight X-Section load Stress RCC (1:1:2) F/Floor Col 17 12 2022 6x6x6 8.4 36 78 4853 RCC (1:1:2) F/Floor Col 17 12 2022 6x6x6 8 36 64 3982 RCC (1:1:2) F/Floor Col 17 12 2022 6x6x6 8 36 81 5040 </td> <td> Mark* Casting Date* Size Weight Weight Weight Weight Weight Casting Date* Absorption (%) </td>	Mark* Casting Date* Size Weight Weight Weight X-Section load	Mark* Casting Date* Size Weight Weight X-Section load Stress RCC (1:1:2) F/Floor Col 17 12 2022 6x6x6 8.4 36 78 4853 RCC (1:1:2) F/Floor Col 17 12 2022 6x6x6 8 36 64 3982 RCC (1:1:2) F/Floor Col 17 12 2022 6x6x6 8 36 81 5040	Mark* Casting Date* Size Weight Weight Weight Weight Weight Casting Date* Absorption (%)

Witnessed by: Nil

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

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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
- 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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> 4620 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 988
 Dated:
 24/01/2023
 Test Specification

 Your Ref. No.
 274/A
 Dated:
 26/12/2022
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/1/2023 Tested on: 24/01/2023 in dry/wet condition





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	RCC (1:2:4) Basement (i) Slab	28	11	2022	6x6x6		8.6	36	84	5227		Non Engraved
2	RCC (1:2:4) Basement (i) Slab	28	11	2022	6x6x6		8.4	36	99	6160		Non Engraved
3	RCC (1:2:4) Basement (i) Slab	28	11	2022	6x6x6		8.2	36	90	5600		Non Engraved
4												
5						CINE	RING					
6						C REPORT						
7						THE NAME OF THY LIGHT WHILE		<u> </u>				
8						CREATES	10000					
9						<u></u>		7				
10					(TA -LA	INRE.					
11												
12					-							
13					-							
14												
15					-							
16												
Witness	end by: 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 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)
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> 4620 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 989
 Dated:
 24/01/2023
 Test Specification

 Your Ref. No.
 260/A
 Dated:
 23/10/2022
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/1/2023 Tested on: 24/01/2023 in dry/wet condition





Sr. No.	Mark*	Cas		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	RCC (1:2:4) Plinth Beam	27	9	2022	6x6x6		8.8	36	81	5040		Non Engraved
2	RCC (1:2:4) Plinth Beam	27	9	2022	6x6x6		8.4	36	63	3920		Non Engraved
3	RCC (1:2:4) Plinth Beam	27	9	2022	6x6x6		8.6	36	76	4729		Non Engraved
4												
5						ANE	RING					
6						C Innapay						
7						THE NAME OF THY LORD WHO	<u> </u>	4				
8					es	CREATES	3					
9												
10						- /A	INRT.					
11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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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
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> 4620 Dr. Aqsa

To: Sub Divisional Officer

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 990
 Dated:
 24/01/2023
 Test Specification

 Your Ref. No.
 262/A
 Dated:
 03/11/2022
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 20/1/2023 Tested on: 24/01/2023 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC (1:1:2) Basement (ii) Col	5	10	2022	6x6x6		8.8	36	84	5227		Non Engraved
2	RCC (1:1:2) Basement (ii) Col	5	10	2022	6x6x6		8.2	36	88	5476		Non Engraved
3	RCC (1:1:2) Basement (ii) Col	5	10	2022	6x6x6		9	36	69	4293		Non Engraved
4												
5						GINE	RING					
6						C BELLEVIANI						
7						THE NAME OF THY LIGHT WHILE						
8					55	CREATES	1000					
9								7				
10						-/A	INRE					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Nil

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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.



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> 4611 Dr. Aqsa

To: Mr. Muhammad Hassan Khan, Resident Engineer, NESPAK

Our Ref. No. CL/CED/ 991

Shadara Sports Complex, Lahore. (Contractor: M/s AKB Pvt. Ltd.)

Project: Establishment of Sports Complex at Rakh Shadarah, Lahore (LDP), NA-118

Toject. Establishment of oports complex at Nakii onadaran, Lanore (EDF), NA-110

Your Ref. No. 3772/103/NA118/RE/05/01 Dated: 19/12/2022

COMPRESSION TEST REPORT

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

Specimens received on: 18/01/2023 Tested on: 24/01/2023 in dry/wet condition



Test Specification

(ASTM C39)

24/01/2023

Dated:



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		21	11	2022	6Diax12		13.4	28.28	81	6416		Non Engraved
2		21	11	2022	6Diax12		13	28.28	76	6020		Non Engraved
3		21	11	2022	6Diax12		13	28.28	80	6337		Non Engraved
4												
5						CAINE	RING					
6						C SERVICE OF						
7						THE NAME THY LORD WHO	4 N	=				
8					es	CREATES	3	=				
9								7				
10						- /A	INR					
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

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ORIGINAL

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> 4627 Dr. Aqsa

To: (Brig. Saeed Ahmed Malik) SI (M), (R)

Our Ref. No. CL/CED/ 992

Resident Engineer, NESPAK Pvt. Ltd. (Metropolitan Corporation Lahore (MCL Projects)

Project: Construction of Roads Inside Auto Mobile Parts Market Badami Bagh Ravi Zone Lahore.

1 10,000. Contaction of Reduce module Auto module 1 arts market Badain Bagii Ravi Lone Lancio.

Your Ref. No. 4084/103/BSAM/104/853 Dated: 09/01/2023

COMPRESSION TEST REPORT

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

Specimens received on: 20/01/2023 Tested on: 24/01/2023 in dry/wet condition



Test Specification

(ASTM C39)

24/01/2023

Dated:



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		22	12	2022	6Diax12		14	28.28	50	3960		Non Engraved
2		22	12	2022	6Diax12		13.2	28.28	60	4752		Non Engraved
3		22	12	2022	6Diax12		12.8	28.28	45	3564		Non Engraved
4												
5						CINE	RING					
6						Tarana						
7						THE NAME THY LIGHT WHO	-					
8						CREATES	10000					
9								7				
10					(** LAI	INRE.					
11					-		-					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

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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
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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> 4624 Dr. Aqsa

To: Mr. Muhammad Irfan, Material Engineer

Banu Mukhtar Contracting Pvt. Ltd.

Project: Burj-1 by AJWA Builders

 Our Ref. No. CL/CED/
 993
 Dated:
 24/01/2023
 Test Specification

 Your Ref. No.
 BMC/AJWA/041
 Dated:
 20/01/2023
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/01/2023 Tested on: 24/01/2023 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	6000 Psi	4	12	2022	6Diax12		14	28.28	85	6733		Non Engraved
2	6000 Psi	4	12	2022	6Diax12		13.6	28.28	66	5228		Non Engraved
3	6000 Psi	4	12	2022	6Diax12		14	28.28	69	5465		Non Engraved
4												
5						GINE	RING					
6						Topania.						
7						THE NAME OF THY LIDED WHO	3					
8					- 53	CHEATES	1,00 0,00	Z -				
9						5, -		7				
10					(* LAI	INRE.					
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**

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> 4562 Dr. Aqsa

To: Mr. Hafiz Muhammad Javeed, Manager Civil

Project Sunshine by Stylers

Project: Construction of Sunshine

Our Ref. No. CL/CED/ 994 24/01/2023 Dated: **Test Specification** Your Ref. No. Dated: 11/01/2023 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 11/01/2023 Tested on: 24/01/2023 in dry/wet condition



Sr. No.	Mark*	Cas	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)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	MJ				9 x 4.3 x 3	3890	3470	38.7	47	2720	12.1	
2	MJ				8.9 x 4.4 x 3.1	4100	3675	39.16	48	2746	11.56	
3	MJ				8.9 x 4.3 x 3	3855	3455	38.27	41	2400	11.58	
4	MJ				9 x 4.4 x 3	3930	3515	39.6	45	2545	11.81	
5	MJ				8.9 x 4.4 x 3.1	3855	3445	39.16	45	2574	11.9	
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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.

> 4556 Dr. Aqsa

To: Mr. Shehzad Waheed, Sub Divisional Officer

Aitchison College, Lahore.

Project: Construction of Senior Staff Residence, Aitchison College Lahore.

Our Ref. No. CL/CED/ 995 24/01/2023 Dated: **Test Specification** Your Ref. No. P-0069 Dated: 11/01/2023 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 11/01/2023 Tested on: 24/01/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	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)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	s				8.7 x 4.3 x 3	3780	3365	37.41	57	3413	12.33	
2	S				8.7 x 4.4 x 3.1	3820	3365	38.28	42	2458	13.52	
3	S				8.7 x 4.3 x 3.1	3775	3375	37.41	46	2754	11.85	
4	S				8.7 x 4.2 x 3	3665	3335	36.54	41	2513	9.9	
5	S				8.7 x 4.2 x 3	3680	3310	36.54	40	2452	11.18	
6	S				8.8 x 4.3 x 3.1	3755	3375	37.84	44	2605	11.26	
7	ABC				9 x 4.4 x 3	3915	3465	39.6	37	2093	12.99	
8	ABC				8.8 x 4.3 x 3.1	3800	3360	37.84	40	2368	13.1	
9	ABC				8.9 x 4.3 x 3	3700	3285	38.27	38	2224	12.63	
10	ABC				8.6 x 4.3 x 3.1	3785	3410	36.98	44	2665	11	
11	ABC				8.8 x 4.3 x 3.1	3815	3395	37.84	42	2486	12.37	
12	ABC				8.8 x 4.3 x 3	3760	3335	37.84	36	2131	12.74	
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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
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- 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.

> 4531 Dr. Aqsa

> > (----)

To: Mr. Khalid Bashir

Ittefaq Building Solutions (Pvt.) Ltd.

Project: Ahmad Latif, DHA-Phase 6, J-Block, Lahore

Our Ref. No. CL/CED/ 996 24/01/2023 Dated: **Test Specification**

Your Ref. No. 06/01/2023 IBS/AL/BT 01A Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 09/01/2023 Tested on: 24/01/2023 in dry/wet condition



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	JM				8.9 x 4.4 x 3.1	4100	3675	39.16	40	2288	11.56	
2	JM				8.9 x 4.3 x 3	3855	3455	38.27	39	2283	11.58	
3	JM				8.9 x 4.4 x 3.1	3855	3445	39.16	40	2288	11.9	
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Witnessed by:

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