

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.

> 7126 Dr. Ubaid

To: (HUMA ASIF)

Assistant Executive Engineer-IV, Central Civil Division No.1 Pak PWD, Lahore.

Project: Institutional Strengthening and Augmentation of Training and Research Functions of National School

of Public Policy, Lahore (Sub-Head: New Office Block). (Contractor: M/s Ch. Mubarik Ali)

Our Ref. No. CL/CED/ 4835 Dated: 09/05/2024

Your Ref. No. AEE-IV/CCD-I/LHR/119 Dated: 29/03/2023

Test Specification
(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 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	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Column 1:1.5:3 F/F	22	2	2023	6x6x6		8.6	36	80	4978		Non Engraved
2	Column 1:1.5:3 F/F	22	2	2023	6x6x6		8.4	36	84	5227		Non Engraved
3												
4												
5						MARIE	RIAZ					
6						T KEAD IN	Pro-					
7						THE NAME OF THY LORD WHO	1 ()	4				
8					- 8	JOHANES						
9						7,-		5/				
10						"-LA	IOR					
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 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.



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ORIGINAL

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> 7123 Dr. Ubaid

To: Mr. Muhammad Fayyaz

Hussain Estate & Builders

Project: Construction of 3.50 Kanal Residential House in Model Town Lahore.

Our Ref. No. CL/CED/ 4836 Dated: 09/05/2024 <u>Test Specification</u>

Your Ref. No. Nil Dated: 03/05/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 in dry/wet condition



Sr. No.	Mark*	Cas		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	Basement Raft Foundation	24	4	2024	6Diax12		14	28.28	53	4198		Non Engraved
2												
3												
4												
5						CINE	RINE					
6						READIN	200					
7						THE NAME OF THY LORD WHO	(j					
8					80			Ha				
9								5 /				
10						-LA	ORE					
11												
12												
13												
14												
15												
16										-		

Witnessed by:

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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ORIGINAL

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> 7142 Dr. Ubaid

Test Specification

To: M. Arslan Khaleel

M/S Amanah Noor Residence Wapda Town, Lahore.

Project: Construction of 6th to 7th Floor (Block C)

Our Ref. No. CL/CED/ 4837 Dated: 09/05/2024

Your Ref. No. Nil Dated: Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 08/05/2024 Tested on: 09/05/2024 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section (Sq. in)	load	Ultimate Stress	Water Absorpti on (%)	Remarks
_				1	· · ·	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		` ,	
1		1	5	2024	6Diax12		14	28.28	50	3960		Non Engraved
2												
3												
4												
5						RINE	RINE			1		
6					}	READIN	200	X				
7						THE NAME OF THY LORD WHO	(<u>)</u>	3				
8					- 00	J. C.		5 -				
9						—		5/				
10						"-IA	IORE					
11												
12												
13												
14												
15												
16												

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

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ORIGINAL

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> 7124 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Consultancy Services for Master Planning Designning and Resident Type Supervision of the Scheme

Strengthening of University of Narowal. Commercial Centre 1st Floor Roof Slab. (Portion B)

Our Ref. No. CL/CED/ 4838 Dated: 09/05/2024

Test Specification

Your Ref. No. G3/237/RE/254 Dated: 29/4/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 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	3000 Psi	14	3	2024	6Diax12		14.2	28.28	44	3485		Engraved
2	3000 Psi	14	3	2024	6Diax12		14.4	28.28	46	3644		Engraved
3												
4												
5						GINE	RINE					
6						READ IN	200					
7					<u> </u>	THE NAME OF THY LORD WHO		a				
8												
9					-		I	5/				
10						LA	OR					
11						-						
12												
13												
14												
15												
16												

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

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- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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> 7124 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of Residential Area at University of Narowal (New Campus) - Construction of Family

Flat #3

Our Ref. No. CL/CED/ 4839 Dated: 09/05/2024 Test Specification

Your Ref. No. G3/UON-RE/522 Dated: 29/3/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MIM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	. (,	
1	2nd Floor Roof Slab (1:2:4)	19	3	2024	6Diax12		14	28.28	44	3485		Engraved
2	2nd Floor Roof Slab (1:2:4)	19	3	2024	6Diax12		14	28.28	46	3644		Engraved
3												
4												
5						CINE	RINE					
6						READ IN	POIN					
7						THE NAME OF THY LORD WHO	(<u>)</u>					
8					- 00	J. C.		5 -				
9						—		5/				
10						"-IA	IORE					
11												
12												
13												
14												
15												
16										-		

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)
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> 7124 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of Residential Area at University of Narowal (New Campus) - Construction of Family

Flat #2

Our Ref. No. CL/CED/ 4840 Dated: 09/05/2024 Test Specification

Your Ref. No. G3/UON-RE/521 Dated: 29/3/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 in dry/wet condition



Sr. No.	Mark*	Cas		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	1st Floor Roof Slab (1:2:4)	8	3	2024	6Diax12		14	28.28	33	2614		Engraved
2	1st Floor Roof Slab (1:2:4)	8	3	2024	6Diax12		14	28.28	44	3485		Engraved
3												
4												
5			H			RINE	RINE			1		
6			H			READ IN	200			1		
7			H			THE NAME OF THY LORD WHO	1	100		1		
8			H		so					-		
9			H					6/		-		
10			ł			LA	OR			-		
11			ł				-			-		
12			ł							-		
13												
14		-	-									
15		-	-									
16												

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)
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> 7124 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of Residential Area at University of Narowal (New Campus) - Construction of Male

Faculty Hostel

Your Ref. No.

Our Ref. No. CL/CED/ 4841

Dated: 09/05/2024

Test Specification
(ASTM C39)

G3/UON-RE/520 Dated: 29/3/2024

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 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	Footing Concrete (1:1.5:3)	13	3	2024	6Diax12		14	28.28	40	3168		Engraved
2	Footing Concrete (1:1.5:3)	13	3	2024	6Diax12		13.4	28.28	40	3168		Engraved
3												
4												
5						RINE	RINA					
6)	KEAD IN	200					
7						THE NAME OF THY LORD WHO	<u>ر غي ا</u> المناطقة					
8					00	Johnson						
9							I	6				
10					<	-LA	ORE					
11												
12												
13												
14												
15												
16												

Witnessed by:

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
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> 7124 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

G3/UON-RE/519

Project: Construction of Residential Area at University of Narowal (New Campus) - Construction of Male

Faculty Hostel

Your Ref. No.

Our Ref. No. CL/CED/ 4842

Dated: 09/05/2024

Test Specification
(ASTM C39)

Dated: 29/3/2024

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Stem Column (1:1.5:3)	27	3	2024	6Diax12		14	28.28	43	3406		Engraved
2	Stem Column (1:1.5:3)	27	3	2024	6Diax12		13.6	28.28	54	4277		Engraved
3												
4												
5						RINE	RINE			-		
6						READIN	200					
7						THE NAME OF THY LORD WHO	(<u>)</u>	<u> </u>				
8						J. C.		X				
9						—		5/				
10						"-IA	IORE					
11												
12												
13												
14												
15												
16										-		

Witnessed by:

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> 7124 Dr. Ubaid

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Construction of Residential Area at University of Narowal (New Campus) - Construction of Family

Flat #1

Our Ref. No. CL/CED/ 4843 Dated: 09/05/2024 Test Specification

Your Ref. No. G3/UON-RE/523 Dated: 29/3/2024 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 in dry/wet condition



No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight			Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
2nd Floor Roof Slab (1:2:4)	2	4	2024	6Diax12		13.4	28.28	48	3802		Non Engraved
2nd Floor Roof Slab (1:2:4)	2	4	2024	6Diax12		13.4	28.28	33	2614		Non Engraved
					RINE	RINA					
					READ IN	200 D					
					THE NAME OF THY LORD WHO	(9)(9)					
				82	Juliano						
							 -				
					LA	ORE					
	2nd Floor Roof Slab (1:2:4) 2nd Floor Roof Slab (1:2:4) 	Mark* DD 2nd Floor Roof Slab (1:2:4) 2nd Floor Roof Slab (1:2:4)	Mark* DD MM 2nd Floor Roof Slab (1:2:4) 2 4 2nd Floor Roof Slab (1:2:4) 2 4	2nd Floor Roof Slab (1:2:4) 2nd Floor Roof Slab (1:2:4) 2nd Floor Roof Slab (1:2:4) 2	DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight X-Section	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	Mark*	Mark* Casting Date* Size Weight Weight Weight (Kg/gms) X-Section load (Sq. in) (Imp.Tons) Stress Absorption (%) 2nd Floor Roof Slab (1:2:4) 2 4 2024 6Diax12 13.4 28.28 48 3802 2nd Floor Roof Slab (1:2:4) 2 4 2024 6Diax12 13.4 28.28 33 2614

Witnessed by:

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> 7124 Dr. Ubaid

Test Specification

(ASTM C39)

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd

Project: Consultancy Services for Master Planning Designning and Resident Type Supervision of the Scheme

Strengthening of University of Narowal- Commercial Centre (1st Floor Roof Slab- Portion C)

Our Ref. No. CL/CED/ 4844 Dated: 09/05/2024

Your Ref. No. G3/237/RE/255 Dated: 29/4/2024

COMPRESSION TEST REPORT

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

Specimens received on: 03/05/2024 Tested on: 09/05/2024 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	1	YYYY		(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		. ,	
1	3000 Psi	31	3	2024	6Diax12		13.2	28.28	47	3723		Non Engraved
2	3000 Psi	31	3	2024	6Diax12		13.2	28.28	40	3168		Non Engraved
3										-		
4										-		
5						RINE	RINA					
6						READ IN	200					
7						THE NAME OF THY LORD WHO	\(\frac{1}{2}\)	B				
8					so					-		
9								6/		-		
10						LA	OR			-		
11							-			-		
12												
13												
14												
15												
16												

Witnessed by:

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

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ORIGINAL

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> 7092 Dr. Ubaid

To: Mr. Muhammad Jan

Senior Site Inspector, Designmen Consulting Engineers (Pvt) Ltd.

Project: Construction of Allama Iqbal Open University, Regional Campus Sheikhupura (Ground Floor

Columns)

Our Ref. No. CL/CED/ 4845

Dated: 09/05/2024

Test Specification

Your Ref. No. P-348/2022/AIOU-SKP/LAB/15

Dated: 29/4/2024

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 29/04/2024 Tested on: 09/05/2024 in dry/wet condition



Sr. No.	Mark*		_	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
_		DD	1	YYYY	(in)	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		(13)	
1		22	4	2024	6x6x6		8.2	36	70	4356		Engraved
2		22	4	2024	6x6x6		8.2	36	80	4978		Engraved
3		23	4	2024	6x6x6		9	36	82	5102		Non Engraved
4		23	4	2024	6x6x6		8.4	36	80	4978		Non Engraved
5		24	4	2024	6x6x6	CINE	R 8.4	36	89	5538		Non Engraved
6		24	4	2024	6x6x6	READ IN	8.4	36	82	5102		Non Engraved
7				-		THE NAME OF THY LORD WHO	(j	<u> </u>				
8				-	80	Juliano		Ha .				
9				-								
10						-LA	ORE					
11												
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14												
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16												

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.



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.

> 7120 Dr. Ubaid

Test Specification

To: Mr. Atif Mujtaba Kazmi

Sialkot Fly Ash Bricks

Project: Sialkot Fly Ash Bricks

Our Ref. No. CL/CED/ 4846 Dated: 09/05/2024

Your Ref. No. Nil Dated: 02/05/2024 (---)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2024 Tested on: 09/05/2024 in dry/wet condition



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	SFB				9 x 4.4 x 2.6		3490	39.6	70	3960		Fly Ash Brick
2	SFB				9 x 4.4 x 2.6		3450	39.6	69	3903		Fly Ash Brick
3												
4												
5						GINE	RINE					
6						KEAD IN	DIDAN.					
7						THE NAME OF THY LORD WHO	ا سارغت	<u> </u>				
8					8							
9												
10						-LA	ORE					
11										-		
12												
13												
14												
15												
16										-		

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.



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

ORIGINAL

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> 7120 Dr. Ubaid

Test Specification

To: Mr. Atif Mujtaba Kazmi

Sialkot Fly Ash Bricks

Project: Sialkot Fly Ash Bricks

Our Ref. No. CL/CED/ 4847 Dated: 09/05/2024

Your Ref. No. Nil Dated: 02/05/2024 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2024 Tested on: 09/05/2024 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	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2610	29.64	60	4534		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2620	29.64	61	4610		
3												
4												
5						CINE	RINA					
6)	READ IN	200 D					
7						THE NAME OF THY LORD WHO	\(\frac{1}{2}\)	E				
8					- S &	Johnson				-		
9					-	_		6/		-		
10						-LA	ORE					
11												
12												
13												
14												
15												
16										-		

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
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ORIGINAL

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

> 7120 Dr. Ubaid

To: Mr. Atif Mujtaba Kazmi

Sialkot Fly Ash Bricks

Project: Sialkot Fly Ash Bricks

Our Ref. No. CL/CED/ 4848 Dated: 09/05/2024

Your Ref. No. Nil Dated: 02/05/2024

Test Specification (----)

COMPRESSION TEST REPORT

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

Specimens received on: 02/05/2024 Tested on: 09/05/2024 in dry/wet condition



Mark*	Casting Date*		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 (%)	
Uni-Block, Red, 60mm				2.4 thick		3255	36.99	80	4845		
Uni-Block, Red, 60mm				2.4 thick		3385	36.99	124	7509		
				4	RINE	RINE					
					READ IN	200					
					THE NAME OF THY LORD WHO	<u>۲ رغب</u> المعادمة ا	156				
	-			82			Ha .				
	-										
	-				LA	ORE					
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			-								
			-								
	Uni-Block, Red, 60mm Uni-Block, Red, 60mm	Mark* DD Uni-Block, Red, 60mm Uni-Block, Red, 60mm	Mark* DD MM Uni-Block, Red, 60mm	Mark* DD MM YYYY	DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/ gms)	DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) Uni-Block, Red, 60mm Uni-Block, Red, 60mm 2.4 thick 3255 36.99	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) (psi) Uni-Block, Red, 60mm Uni-Block, Red, 60mm 2.4 thick 3255 36.99 80 4845	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) (psi) on (%) (Mg/ gms) (Mg/ gms) (Sq. in) (Imp.Tons) (psi) on (%) (Mg/ gms) (Mg/ gms)

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

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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.

> 7111 Dr. Ubaid

To: Sub Divisional Officer

Buildings Sub Division No. 16, Lahore.

Project: Construction of SMART POLICE STATION Johar Town Lahore.

Our Ref. No. CL/CED/ 4849 Dated: 09/05/2024 <u>Test Specification</u>

Your Ref. No. No. 371 Dated: 19/2/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 09/05/2024 in dry/wet condition



			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	38No				8.9 x 4.3 x 2.9	3580	3100	38.27	37	2166	15.48	
2	38No	-			9 x 4.4 x 2.9	3625	3255	39.6	42	2376	11.37	
3	38No				8.9 x 4.4 x 2.9	3640	3150	39.16	44	2517	15.56	
4	38No				9 x 4.3 x 2.9	3645	3130	38.7	34	1968	16.45	
5	38No				8.9 x 4.3 x 3	3530	3125	38.27	44	2575	12.96	
6						READ IN	DIDAN					
7						THE NAME OF THY LORD WHO	<u>رغب</u> الروي خلف	3 -				
8					8	J. C.		5				
9						7		5/				
10						LA	IOR					
11												
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16												

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)
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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.

> 7111 Dr. Ubaid

Test Specification

To: Sub Divisional Officer

Buildings Sub Division No. 16, Lahore

Project: Construction of SMART POLICE STATION Quaid-e-Azam Estate Lahore.

Our Ref. No. CL/CED/ 4850 Dated: 09/05/2024

Your Ref. No. No. 363 Dated: 19/2/2024 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 09/05/2024 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	38No				8.9 x 4.3 x 2.9	3595	3165	38.27	34	1990	13.59	
2	38No				8.9 x 4.3 x 3	3770	3360	38.27	47	2751	12.2	
3	38No				8.9 x 4.4 x 2.9	3540	3140	39.16	30	1716	12.74	
4	38No				9 x 4.3 x 3	3630	3165	38.7	28	1621	14.69	
5	38No				8.9 x 4.3 x 2.9	3440	3000	38.27	40	2341	14.67	
6						READ IN	2000					
7						THE NAME OF THY LORD WHO	(2) (2)	156				
8					- S &	Towns .		II)		1	-	
9					-		I			1	-	
10					-	" LA	OR			1	-	
11												
12												
13												
14												
15												
16												

Witnessed by:

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

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ORIGINAL

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

> 7110 Dr. Ubaid

Test Specification

To: Mr. Muhammad Moutsim

Progressive Constructions & Engineering (PCE) - PETROMECH

Project: Ware-Ex, 142-C Sundar Industrial Estate Lahore

Our Ref. No. CL/CED/ 4851 Dated: 09/05/2024

Your Ref. No. Nil Dated: 30/4/2024 (---)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 09/05/2024 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	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2645	29.64	85	6424		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2510	29.64	71	5366		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2500	29.64	62	4686		
4	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2725	29.64	79	5970		
5	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	RINE	2565	29.64	74	5592		
6	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	READ IN	2680	29.64	80	6046		
7	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	THE NAME OF THY LORD WHO	-2540	29.64	72	5441		
8	Rectangular, Grey, 60mm	ł			7.8 x 3.8 x 2.3	J. Carlos	2710	29.64	92	6953	-	
9	Rectangular, Grey, 60mm	ł			7.8 x 3.8 x 2.3		2510	29.64	79	5970	-	
10	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	n-LA	2690	29.64	82	6197		
11												
12												
13												
14												
15												
16												

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.



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ORIGINAL

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

> 7109 Dr. Ubaid

Test Specification

To: Mr. Muhammad Moutsim

Progressive Constructions & Engineering (PCE) - PETROMECH

Project: Ware-Ex, 142-C Sundar Industrial Estate Lahore

Our Ref. No. CL/CED/ 4852 Dated: 09/05/2024

Your Ref. No. Nil Dated: 30/4/2024 (---)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 09/05/2024 in dry/wet condition



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 (%)	
Rectangular, Grey, 60mm	1			7.8 x 3.8 x 2.3		2385	29.64	48	3628		-
Rectangular, Grey, 60mm	-			7.8 x 3.8 x 2.3		2400	29.64	44	3325		
Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2530	29.64	62	4686		
Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2815	29.64	81	6121		
Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	GINE	2860	29.64	67	5063		
Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	READ IN	2870	29.64	80	6046		
Rectangular, Grey, 60mm	-			7.8 x 3.8 x 2.3	THE NAME OF THY LORD WHO	-2485	29.64	62	4686		
Rectangular, Grey, 60mm	-			7.8 x 3.8 x 2.3		2600	29.64	61	4610		
Rectangular, Grey, 60mm	-			7.8 x 3.8 x 2.3		2545	29.64	65	4912		
Rectangular, Grey, 60mm	1			7.8 x 3.8 x 2.3	-LA	2825	29.64	70	5290		-
	-										
	-										
	-										
	I										
	Rectangular, Grey, 60mm	Mark*	Mark* DD MM Rectangular, Grey, 60mm Rectangular, Grey, 60mm	DD MM YYYY	Mark* DD MM YYYY (in) Rectangular, Grey, 60mm 7.8 x 3.8 x 2.3 Rectangular, Grey, 60mm	Mark* DD MM YYYY (in) (Kg/gms)	Nark*	Mark* Casting Date* Size Weight Weight Weight Weight Weight X-Section (Sq. in) Rectangular, Grey, 60mm 7.8 x 3.8 x 2.3 2385 29.64 Rectangular, Grey, 60mm 7.8 x 3.8 x 2.3 2400 29.64 Rectangular, Grey, 60mm 7.8 x 3.8 x 2.3 2530 29.64 Rectangular, Grey, 60mm 7.8 x 3.8 x 2.3 2815 29.64 Rectangular, Grey, 60mm 7.8 x 3.8 x 2.3 2870 29.64 Rectangular, Grey, 60mm 7.8 x 3.8 x 2.3 2600 29.64 Rectangular, Grey, 60mm 7.8 x 3.8 x 2.3 2545 29.64 Rectangular, Grey, 60mm	Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Inp.Tons) Rectangular, Grey, 60mm	Mark* Casting Date* Size Weight Weight Weight Weight Weight Weight Weight Weight Weight (Kg/ gms) X-Section load (Imp.Tons) Stress (psi) Rectangular, Grey, 60mm	Mark*

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.



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ORIGINAL

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

> 7108 Dr. Ubaid

Test Specification

To: Mr. Muhammad Moutsim

Progressive Constructions & Engineering (PCE) - PETROMECH

Project: Ware-Ex, 142-C Sundar Industrial Estate Lahore

Our Ref. No. CL/CED/ 4853 Dated: 09/05/2024

Your Ref. No. Nil Dated: 30/4/2024 (---)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 09/05/2024 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	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2505	29.64	86	6499		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2545	29.64	106	8011		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2445	29.64	90	6802		
4	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2685	29.64	79	5970		
5	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	CINE	2595	29.64	108	8162		
6	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	READ IN	2540	29.64	84	6348		
7	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	THE NAME OF THY LORD WHO	2660	29.64	86	6499		
8	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2555	29.64	93	7028		
9	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	, —	2570	29.64	72	5441		
10	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2505	29.64	96	7255		
11												
12												
13												
14												
15												
16												

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

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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.

> 7104 Dr. Ubaid

To: Engr. Irfan Umar

Your Ref. No.

Resident Engineer, DHQ Hospital Hafizabad, MASTER CONSULTING ENGINEERS (Pvt) Ltd

Project: Consultancy Service Resident Supervision for the Project "Up-gradation of D.H.Q. Hospital Hafizabad

(Group No. 1) ADP No:768 For the Year 2021-2022

Our Ref. No. CL/CED/ 4854 Dated:

Dated: 13/09/2023

09/05/2024

Test Specification

(BS 3921**)

COMPRESSION TEST REPORT

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

MCE/DHQ Hfzd/23/105

Specimens received on: 30/4/2024 Tested on: 09/05/2024 in dry/wet condition



Sr. No.	Mark*	Cas	Casting 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	Clay Brick (M-11)				8.8 x 4.2 x 2.9	3580	3035	36.96	23	1394	17.96	
2	Clay Brick (M-11)				8.7 x 4.1 x 2.8	3550	3200	35.67	29	1821	10.94	
3	Clay Brick (M-11)				8.5 x 4.2 x 2.8	3435	3020	35.7	22	1380	13.74	
4	Clay Brick (M-11)				8.5 x 4 x 2.8	3345	3130	34	23	1515	6.87	
5	Clay Brick (M-11)				8.6 x 4.1 x 2.9	3360	3030	35.26	34	2160	10.89	
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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.



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.

> 7104 Dr. Ubaid

To: Engr. Irfan Umar

Resident Engineer, DHQ Hospital Hafizabad, MASTER CONSULTING ENGINEERS (Pvt) Ltd.

Project: Consultancy Service Resident Supervision for the Project "Up-gradation of D.H.Q. Hospital Hafizabad

(Group No. 1) ADP No:768 For the Year 2021-2022

Our Ref. No. CL/CED/ 4855 Dated: 09/05/2024

Your Ref. No. MCE/DHQ Hfzd/23/106 Dated: 04/12/2023

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 30/4/2024 Tested on: 09/05/2024 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	Clay Brick (M-11)				8.6 x 4.1 x 2.8	3320	3215	35.26	46	2922	3.27	
2	Clay Brick (M-11)				8.8 x 4 x 2.9	3400	3070	35.2	31	1973	10.75	
3	Clay Brick (M-11)				8.5 x 4.1 x 2.9	3370	3040	34.85	33	2121	10.86	
4	Clay Brick (M-11)				8.5 x 4.1 x 2.9	3395	3020	34.85	30	1928	12.42	
5	Clay Brick (M-11)				8.5 x 4 x 2.9	3415	3125	34	32	2108	9.28	
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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.