

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.

4440 Dr. Umbreen

Test Specification

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Construction of Newlife Residency Appartments at 273/1 Q Block Phase-II, Lahore. (Contractor:

Dated:

M/s Ghousia Engineering & Construction Pvt. Ltd. Lahore.)

Our Ref. No. CL/CED/ 687

Your Ref. No. G3/DHA-NLD/RE/124 Dated:

ated: 17-12-22 (ASTM C39)

21-12-22

COMPRESSION TEST REPORT

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

Specimens received on: 20-12-22 Tested on: 21-12-22 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 (%)	
4th F. Roof Slab Pour-3 (4000 Psi)	20	11	2022	6Diax12		14	28.28	83	6574		Engraved
4th F. Roof Slab	20	11	2022	6Diax12		14	28.28	71	5624		Engraved
4th F. Roof Slab	20	11	2022	6Diax12		14	28.28	69	5465		Engraved
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	1				READW						
	1				DHE NAME OF THY LIDRO WHO	- F	EF .				
	-			es							
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	4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi)	Mark* DD 4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi)	Mark* DD MM 4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi)	4th F. Roof Slab Pour-3 (4000 Psi)	Mark* DD MM YYYY (in) 4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi)	Mark* DD MM YYYY (in) (Kg/gms) 4th F. Roof Slab Pour-3 (4000 Psi) 4th F. Roof Slab Pour-3 (4000 Psi) 20 11 2022 6Diax12 4th F. Roof Slab Pour-3 (4000 Psi) 20 11 2022 6Diax12	Mark* Casting Date* Size Weight Weight 4th F. Roof Slab Pour-3 (4000 Psi) 20 11 2022 6Diax12 14 4th F. Roof Slab Pour-3 (4000 Psi) 20 11 2022 6Diax12 14 4th F. Roof Slab Pour-3 (4000 Psi) 20 11 2022 6Diax12 14	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	Mark* Casting Date Size Weight Weight X-Section (Sq. in) (Imp.Tons) Stress (psi) 4th F. Roof Slab Pour-3 (4000 Psi) 20 11 2022 6Diax12 14 28.28 83 6574 4th F. Roof Slab Pour-3 (4000 Psi) 20 11 2022 6Diax12 14 28.28 71 5624 4th F. Roof Slab Pour-3 (4000 Psi) 20 11 2022 6Diax12 14 28.28 69 5465 <	Mark* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) on (%)

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. **** ACI318-19 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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4440 Dr. Umbreen

To: Engr. Hassan Mahmood

Your Ref. No.

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Construction of Newlife Residency Appartments at 273/1 Q Block Phase-II, Lahore. (Contractor:

M/s Ghousia Engineering & Construction Pvt. Ltd. Lahore.)

G3/DHA-NLD/RE/125

Our Ref. No. CL/CED/ 688

21-12-22

Test Specification

Dated: 17-12-22

Dated:

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-12-22 Tested on: 21-12-22 in dry/wet condition



Sr. No.	. 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	Col. 5th to 6th Floor (5000 Psi)	20	11	2022	6Diax12		13.8	28.28	100	7921		Engraved
2	Col. 5th to 6th Floor (5000 Psi)	20	11	2022	6Diax12		14	28.28	94	7446		Engraved
3	Col. 5th to 6th Floor (5000 Psi)	20	11	2022	6Diax12		13	28.28	98	7762		Engraved
4												
5					/	GINE	RIATE					
6						READIN	200					
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10					🤇	LA	IORE					
11												
12												
13												
14												
15												
16												

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4441 Dr. Umbreen

To: Engr. Imran Saddique, Planning & Coordination Engineer

Ittefaq Building Solutions (Pvt) Ltd.

Project: Master Textile Mill (Packing Area)

 Our Ref. No. CL/CED/
 689
 Dated:
 21-12-22
 Test Specification

 Your Ref. No.
 IBS/MTM/CT/022
 Dated:
 19-12-22
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-12-22 Tested on: 21-12-22 in dry/wet condition



Sr. No.	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	G.F. Slab (Packing Area), 3000 Psi	5	12	2022	6Diax12		13	28.28	61	4832		Engraved
2	G.F. Slab (Packing Area), 3000 Psi	5	12	2022	6Diax12		12.6	28.28	63	4990		Engraved
3	G.F. Slab (Packing Area), 3000 Psi	5	12	2022	6Diax12		12.8	28.28	67	5307		Engraved
4												
5						GEINE	RIATE					
6						N DAGIN	200					
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10						-LA	IORE.					
11												
12												
13												
14												
15												
16												

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- 4. **** ACI318-19 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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> 4398 Engr. Ubaid

To: Mr. Alaudin Malkani, Executive Officer (Works)

Punjab Safe Cities Authority Lahore.

Project: Restoration / Relocation / Shifting of PSCA Infrastructure Sites Through Framwork Contract. (M/S

CMC Engineering Services)

Our Ref. No. CL/CED/ 690 Dated: 21-12-22

Your Ref. No. 1511/Works/PSCA/2022 Dated: 08-12-22

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-22 Tested on: 21-12-22 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	Traffic Pole Foundations	11	11	2022	6Diax12		13	28.28	43	3406		Non Engraved
2	Traffic Pole Foundations	11	11	2022	6Diax12		13.2	28.28	43	3406		Non Engraved
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5						GEINE	RIAVA					
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16										-		
16												

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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> 4400 Engr. Ubaid

Test Specification

(ASTM C39)

To: Professional Construction Services Pvt. Ltd.

Pak Build Constructions, Wapda Town, Lahore.

Project: Construction of Over Head Water Tank & Lift Top Well at 21-H Gulberg, Lahore.

Our Ref. No. CL/CED/ 691 Dated: 21-12-22

Your Ref. No. PCS/22/Engg-124-A Dated: 12-12-22

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-22 Tested on: 21-12-22 in dry/wet condition



Sr No	Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
31. NO.	IVIAI K										on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	Col. Top Floor (1:1.5:3)	20	10	2022	6Diax12		13.4	28.28	65	5149		Non Engraved
2												
3												
4												
5					/	CINE	RINE					
6						NEAD W	200	X				
7						DE NAME OF THY LIORO WHO	140	EF -				
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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
- 4. **** ACI318-19 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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> 4400 Engr. Ubaid

To: Professional Construction Services Pvt. Ltd.

Pak Build Constructions, Wapda Town, Lahore.

Project: Construction of Over Head Water Tank & Lift Top Well at 21-H Gulberg, Lahore.

Our Ref. No. CL/CED/ 692 Dated: 21-12-22 <u>Test Specification</u>

Your Ref. No. PCS/22/Engg-124 Dated: 12-12-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-22 Tested on: 21-12-22 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	Col. Top Floor (1:1.5:3)	20	10	2022	6Diax12		13.6	28.28	61	4832		Non Engraved
2												
3												
4												
5					/	TIME	RIATE					
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8					SE		F 201					
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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
- 4. **** ACI318-19 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)
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Test Specification

To: Professional Construction Services Pvt. Ltd.

Pak Build Constructions, Wapda Town, Lahore.

Project: Construction of Over Head Water Tank & Lift Top Well at 21-H Gulberg, Lahore.

Our Ref. No. CL/CED/ 693 Dated: 21-12-22

Your Ref. No. PCS/22/Engg-126-A Dated: 12-12-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-22 Tested on: 21-12-22 in dry/wet condition



Sr No	Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate	Ultimate	water	Remarks
Sr. NO.	Wark"									Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	OHWT (1:2:4)	11	11	2022	6Diax12		13	28.28	49	3881		Non Engraved
2												
3												
4												
5					/	GINE	RIATE					
6						READW	200	X				
7						DE NIGE OF THY LORD WHO	- E - C					
8					SS		E ST					
9) 	-					
10						-LA	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. **** ACI318-19 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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Test Specification

(ASTM C39)

To: Professional Construction Services Pvt. Ltd.

Pak Build Constructions, Wapda Town, Lahore.

Project: Construction of Over Head Water Tank & Lift Top Well at 21-H Gulberg, Lahore.

Our Ref. No. CL/CED/ 694 Dated: 21-12-22

Your Ref. No. PCS/22/Engg-126 Dated: 12-12-22

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-22 Tested on: 21-12-22 in dry/wet condition



Sr. No.	6r. No. Mark*		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	OHWT (1:2:4)	11	11	2022	6Diax12		14	28.28	55	4356		Non Engraved
2												
3												
4						/						
5					/	GRIE	RINE					
6						READ W	200					
7						OF THY LIQKO WHO	- E 7 -					
8					SS			ON!				
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12												
13												
14												
15										-		
16												

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To: Professional Construction Services Pvt. Ltd. Pak Build Constructions, Wapda Town, Lahore.

Project: Construction of Over Head Water Tank & Lift Top Well at 21-H Gulberg, Lahore.

Our Ref. No. CL/CED/ 695 Dated: 21-12-22 <u>Test Specification</u>

Your Ref. No. PCS/22/Engg-125 Dated: 12-12-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-22 Tested on: 21-12-22 in dry/wet condition



Sr. No.	∵. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
On No.	Mark	חם	мм	YYYY	(in)		(Kg/ gms)		(Imp.Tons)		on (%)	Romano
1	Lift Slab Top Floor	4	11	2022	6Diax12		13.6	28.28	59	4673		Non Engraved
2	(1:2:4) 											
3												
4												
5						GINE	RIAVE					
6						READW						
7						DHE NAME OF THY LIDRO WHO	- E 2					
8					SS			INO				
9												
10						-LA	INRE					
11												
12												
13												
14												
15												
16												

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- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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To: Professional Construction Services Pvt. Ltd.

Pak Build Constructions, Wapda Town, Lahore.

Project: Construction of Over Head Water Tank & Lift Top Well at 21-H Gulberg, Lahore.

Our Ref. No. CL/CED/ 696 Dated: 21-12-22 <u>Test Specification</u>

Your Ref. No. PCS/22/Engg-125-A Dated: 12-12-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12-12-22 Tested on: 21-12-22 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	Lift Slab Top Floor (1:2:4)	4	11	2022	6Diax12		13.6	28.28	57	4515		Non Engraved
2												
3												
4												
5						REINE	RIATA					
6						READ IN	200					
7						DHE NIME OF THY LIDRO WHO	\$7 \\ \$10.000	量				
8					es			5				
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10						-LA	INFE					
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
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> 4421 Engr. Ubaid

To: Mr. Muhammad Sohail Anjum, Project Manager

MS Tower, G4 Lahore.

Project: Construction of MS Tower at Plot 450,451 Johar Town, Lahore.

Our Ref. No. CL/CED/ 697 Dated: 21-12-22 <u>Test Specification</u>

Your Ref. No. MST/UET/2022/C-075 Dated: 15-12-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 15-12-22 Tested on: 21-12-22 in dry/wet condition



C: No	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of	Ultimate	Ultimate	water	Damanka
Sr. No.	Wark"					Weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	182 (5000 Psi)	8	12	2022	6Diax12		13.2	28.28	61	4832		Non Engraved
2	184 (5000 Psi)	8	12	2022	6Diax12		13.2	28.28	65	5149		Non Engraved
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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. **** ACI318-19 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.

> 4416 Engr.Uaid

To: Mr. Arfan Nazir

Manager Civil, NISHAT DENIM

Project: Construction of Fabric Godown Extension Unit 35. 22 Km off Ferozepur Road, 5-Km Nishat

Avenue Lahore. (Contractor: Guarantee Enginers)

Our Ref. No. CL/CED/ 698

Dated: 21-12-22

Test Specification
(ASTM C39)

Your Ref. No. NDF/FGCT/003 Dated: 13-12-22

COMPRESSION TEST REPORT

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

Specimens received on: 15/12/2022 Tested on: 21-12-22 in dry/wet condition



. 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 (%)	
C-30	5	12	2022	6Diax12		13.8	28.28	98	7762		Non Engraved
C-30	5	12	2022	6Diax12		13.8	28.28	57	4515		Non Engraved
C-30	5	12	2022	6Diax12		14	28.28	55	4356		Non Engraved
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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.



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ORIGINAL

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> 4390 Engr.Ubaid

Test Specification

To: Canal 44 Luxury Appartment. New Garden Town, Lahore.

Project: Canal 44 Luxury Appartment.

Project. Canal 44 Luxury Appartment

Our Ref. No. CL/CED/ 699 Dated: 21-12-22
Your Ref. No. Nil Dated: Nil

Dated: Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 Tested on: 21-12-22 in dry/wet condition



Sr. No.	Mark*	Casting 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	3750 Psi	12	11	2022	6Diax12		13.8	28.28	61	4832		Engraved
2	3750 Psi	12	11	2022	6Diax12		13.2	28.28	61	4832		Engraved
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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

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> 4390 Engr.Ubaid

To: Canal 44 Luxury Appartment. New Garden Town, Lahore.

Project: Canal 44 Luxury Appartment.

Project. Canal 44 Luxury Appartmen

Our Ref. No. CL/CED/ 700 Your Ref. No. Nil 21-12-22

Dated:

Test Specification

Dated: Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 Tested on: 21-12-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	water	Remarks
		DD MM YYYY					_				on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	On (70)	
1	3750 Psi	30	11	2022	6Diax12		13	28.28	66	5228		Engraved
2	3750 Psi	30	11	2022	6Diax12		13	28.28	71	5624		Engraved
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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
- 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.

> 4420 Engr.Ubaid

Test Specification

To: Engr. Shahid Iqbal, Manager Construction

Trans Continental Freight (Pvt) Limited Lahore.

Project: Construction of TAQ House Gulberg at Plot No. 6F, Main Market, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 701 Dated: 21-12-22

Your Ref. No. THQ/021/UET Dated: 06-12-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 Tested on: 21-12-22 in dry/wet condition



Sr. No.	Sr. No. Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	120 (5000 Psi)	8	11	2022	6Diax12		13	28.28	59	4673		Non Engraved
2	121 (5000 Psi)	8	11	2022	6Diax12		14	28.28	62	4911		Non Engraved
3	122 (5000 Psi)	8	11	2022	6Diax12		13.2	28.28	53	4198		Non Engraved
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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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- 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.

> 4420 Engr.Ubaid

To: Engr. Shahid Iqbal, Manager Construction

Trans Continental Freight (Pvt) Limited Lahore.

Project: Construction of TAQ House Gulberg at Plot No. 6F, Main Market, Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 702 Dated: 21-12-22

Your Ref. No. THQ/023/UET Dated: 06-12-22

COMPRESSION TEST REPORT

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

Specimens received on: 9/12/2022 Tested on: 21-12-22 in dry/wet condition



Test Specification

(ASTM C39)

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	114 (3000 Psi)	19	9	2022	6Diax12		13.2	28.28	63	4990		Non Engraved
2	115 (3000 Psi)	19	9	2022	6Diax12		13	28.28	66	5228		Non Engraved
3	116 (3000 Psi)	19	9	2022	6Diax12		12.4	28.28	45	3564		Non Engraved
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