

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.

> 2510 Dr. Umbreen

To: Deputy Director

Punjab Housing & Town Planning Agency, Sub Region Okara.

Project:Construction of Housing Units 03/05 Marla (Single and Double Bed) in ADS-II Renala Khurd District

Okara Under Naya Pakistan Housing Program. (M/s Pak Shahid Developers JV)

Our Ref. No. CL/CED/ 6911 Dated: 20-01-22

Your Ref. No. 832 Dated: 27-12-21

Test Specification ( ---- )

#### COMPRESSION TEST REPORT

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

Specimens received on: 31-12-21 Tested on: 19-01-22 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	7UP				8.7 x 4.2 x 2.9		2860	36.54	33	2023		
2	7UP				8.7 x 4.2 x 2.8		2855	36.54	35	2146		
3	7UP				8.8 x 4.2 x 2.8		2905	36.96	31	1879		
4	VIP				8.7 x 4.3 x 2.8		2910	37.41	41	2455		
5	VIP				8.8 x 4.3 x 2.7	GINE	2725	37.84	31	1835		
6	VIP				8.4 x 4.1 x 2.8	READIN	2840	34.44	35	2276		
7	ABC				8.9 x 4.3 x 2.8	DE NIGE OF THY LIDRO WHO	2990	38.27	41	2400		
8	ABC				8.7 x 4.3 x 2.7		3060	37.41	33	1976		
9	ABC				8.8 x 4.3 x 2.7		3015	37.84	41	2427		
10						"-LA	IORE.					
11												
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13												
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16										-		

Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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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> 2560 Engr. Ubaid

To: Arshad Bricks Corporation.

Main Raiwind Road, Jia Bagga, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6912

Dated: 20-01-22

**Test Specification** 

Your Ref. No. Nil

Dated: 10-01-21

(BS 3921\*\*)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 10-01-22 Tested on: 20-01-22 in dry/wet condition

ONLINE REPORT

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	ABC				8.8 x 4.3 x 3	3610	3265	37.84	42	2486	10.57	
2	ABC				8.7 x 4.3 x 2.9	3765	3410	37.41	40	2395	10.41	
3	ABC				8.8 x 4.3 x 2.9	3795	3445	37.84	52	3078	10.16	
4	ABC				8.7 x 4.3 x 3	3795	3460	37.41	58	3473	9.68	
5	ABC				8.7 x 4.3 x 3.1	3745	3385	37.41	44	2635	10.64	
6	AS				8.7 x 4.3 x 3.1	3780	3405	37.41	73	4371	11.01	
7	AS				8.7 x 4.3 x 3.1	3820	3460	37.41	50	2994	10.4	
8	AS				8.7 x 4.3 x 2.9	3715	3350	37.41	50	2994	10.9	
9	AS				8.8 x 4.3 x 3	3785	3405	37.84	52	3078	11.16	
10	AS				8.7 x 4.3 x 2.9	3710	3340	37.41	52	3114	11.08	
11	ASB				8.7 x 4.3 x 3.1	3785	3460	37.41	54	3233	9.39	
12	ASB				8.7 x 4.3 x 2.9	3735	3405	37.41	48	2874	9.69	
13	ASB				8.7 x 4.3 x 2.9	3750	3390	37.41	44	2635	10.62	
14	ASB				8.8 x 4.3 x 3.1	3735	3395	37.84	56	3315	10.01	
15	ASB				8.7 x 4.3 x 3	3830	3475	37.41	63	3772	10.22	
16												

Witnessed by:

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- 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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2590 Engr. Ubaid A. Mugha

To: Lt Col. Rashid Ahmad (Retd)

Jamia Tul Mustafa Asna Ashria Trust, 18 Km Ferozepur Road Lahore.

Project: Construction of Madrassa Hostel Building Knowledge City Feruz Pur Road Lhr.

Our Ref. No. CL/CED/ 6913 Dated: 20-01-22

Your Ref. No. JMT/04/2022 Dated: 13-01-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-01-22 Tested on: 20-01-22 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII ( /0)	
1		20	12	2021	6Diax12		13	28.28	51	4040		Non Engraved
2		20	12	2021	6Diax12		14	28.28	49	3881		Non Engraved
3		20	12	2021	6Diax12		13.4	28.28	67	5307		Non Engraved
4												
5						CTME	RIATE					
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8					es			INO				
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10					🤇	-LA	IORE.					
11							-			-		
12										-		
13												
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16												

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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> 2587 Engr. Ubaid

**Test Specification** 

To: (Umair Magsood)

Sub Divisional Officer, Buildings Sub Division Assembly, Lahore.

Project: Re-Construction of Pipal House A-Block, Lahore.

Our Ref. No. CL/CED/ 6914

Your Ref. No. 34 Dated: 12-01-22

Dated: 12-01-22 (ASTM C39)

20-01-22

Dated:

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-01-22 Tested on: 20-01-22 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	4th Floor Slab (1:2:4)	16	12	2021	6Diax12		14	28.28	58	4594		Engraved
2	4th Floor Slab (1:2:4)	16	12	2021	6Diax12		14	28.28	53	4198		Engraved
3	4th Floor Slab (1:2:4)	16	12	2021	6Diax12		14	28.28	57	4515		Engraved
4												
5					/	TETNE	RINE					
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Witnessed by: Nil

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> 2544 Engr. Ubaid

To: Mr. Khalid Bashir

For Ittefaq Building Solutions Pvt. Ltd.

Project: New Apparel Facility, Ferozwatwan.

 Our Ref. No. CL/CED/
 6915
 Dated:
 20-01-22
 Test Specification

 Your Ref. No.
 IBS/SD/CT28
 Dated:
 06-01-22
 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 07-01-22 Tested on: 20-01-22 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	Yarn Warehouse Slab 3000Psi	9	12	2021	6Diax12		13.6	28.28	60	4752		Engraved
2	Yarn Warehouse Slab 3000Psi	9	12	2021	6Diax12		13	28.28	65	5149		Engraved
3	Yarn Warehouse Slab 3000Psi	9	12	2021	6Diax12		13.4	28.28	83	6574		Engraved
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1474	ad by Nil											

Witnessed by: Nil

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ORIGINAL carbon copy t

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2544 Engr. Ubaid A. Mugha

To: Mr. Khalid Bashir

For Ittefaq Building Solutions Pvt. Ltd.

**Project: New Apparel Facility, Ferozwatwan** 

 Our Ref. No. CL/CED/
 6916
 Dated:
 20-01-22
 Test Specification

 Your Ref. No.
 IBS/SD/CT30
 Dated:
 06-01-22
 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 07-01-22 Tested on: 20-01-22 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	R&D Building Columns 4000Psi	10	12	2021	6Diax12		13.4	28.28	55	4356		Not Engraved
2	R&D Building Columns 4000Psi	10	12	2021	6Diax12		13.4	28.28	77	6099		Not Engraved
3	R&D Building Columns 4000Psi	10	12	2021	6Diax12		13.4	28.28	73	5782		Not Engraved
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Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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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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> 2544 Engr. Ubaid

To: Mr. Khalid Bashir

For Ittefaq Building Solutions Pvt. Ltd.

**Project: New Apparel Facility, Ferozwatwan** 

 Our Ref. No. CL/CED/ 6917
 Dated:
 20-01-22
 Test Specification

 Your Ref. No. IBS/SD/CT29
 Dated:
 06-01-22
 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 07-01-22 Tested on: 20-01-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	Mezza. Slab/Beam 3000Psi	10	12	2021	6Diax12		13	28.28	72	5703		Engraved
2	Mezza. Slab/Beam 3000Psi	10	12	2021	6Diax12		13.4	28.28	66	5228		Engraved
3	Mezza. Slab/Beam 3000Psi	10	12	2021	6Diax12		13.2	28.28	47	3723		Engraved
4			-									
5			-			CINE	RING					
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Witnessed by: Nil

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> 2602 Engr. Ubaid

To: S & S Associates

Suite No 2 First Floor Jeddah Tower G1 Market Johar Town Lahore

**Project: Construction Extension of NCL-Godown Coal Power** 

Our Ref. No. CL/CED/ 6918 Dated: 20-01-22 <u>Test Specification</u>

Your Ref. No. NCL-Godown Coal Power/001 Dated: 09-01-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 17-01-22 Tested on: 20-01-22 in dry/wet condition



(BS 1881-116)



. No. Mark*		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 (%)	
Column Line FA Grid-1A (1:1.5:3)	23	12	2021	6x6x6		8.6	36	85	5289		Non Engraved
Column Line FA Grid-1A (1:1.5:3)	23	12	2021	6x6x6		8	36	89	5538		Non Engraved
		-									
				/	RINE	RIATE					
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	Column Line FA Grid-1A (1:1.5:3) Column Line FA Grid-1A (1:1.5:3)	Mark*  Column Line FA Grid-1A (1:1.5:3)  Column Line FA Grid-1A (1:1.5:3)	Mark*  DD MM  Column Line FA Grid-1A (1:1.5:3)  Column Line FA Grid-1A (1:1.5:3)	Column Line FA Grid-1A (1:1.5:3) Column Line FA Col	Mark*  DD MM YYYY (in)  Column Line FA Grid-1A (1:1.5:3)  Column Line FA Grid-1A (1:1.5:3)	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*    Casting Date*   Size   Weight   Weight   Weight   X-Section	Mark*   Date   Size   Weight   Weight   Weight   Weight   Weight   Weight   Weight   Weight   Weight   Meight   Weight   Weight   Weight   Weight   Weight   Weight   Weight   Weight   Grid-1A (1:1.5:3)   23   12   2021   6x6x6     8   8   36   89   89	Mark*         Casting Date*         Size         Weight Weight (Kg/gms)         X-Section (Inp. Tons)         Load (Imp. Tons)         Stress           Column Line FA Grid-1A (1:1.5:3)         23         12         2021         6x6x6          8.6         36         85         5289           Column Line FA Grid-1A (1:1.5:3)         23         12         2021         6x6x6          8         36         89         5538	Mark*         Casting Date*         Size         Weight Weight Weight (Kg/gms)         X-Section load (Stress Absorption on (%) (psi)         Water Absorption on (%)           Column Line FA Grid-1A (1:1.5:3)         23         12         2021         6x6x6          8.6         36         85         5289            Column Line FA Grid-1A (1:1.5:3)         23         12         2021         6x6x6          8         36         89         5538

Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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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> 2606 Engr. Ubaid

To: **Sub Divisional Officer** 

**Buildings Sub Division No.9, Lahore.** 

Project: Master Planning of Qurban Lines, Lahore Phase-1. Construction of BS(18-19) Apartments at

**Qurban Lines Lahore.** 

Our Ref. No. CL/CED/ 6919

Dated:

20-01-22

Your Ref. No. 16/9th 10-01-22 Dated:

**Test Specification** 

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 18-01-22 Tested on: 20-01-22 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	Neck Column (1:1.5:3)	10	12	2021	6x6x6		8.8	36	104	6471		Non Engraved
2	Neck Column (1:1.5:3)	10	12	2021	6x6x6		8.6	36	78	4853		Non Engraved
3	Neck Column (1:1.5:3)	10	12	2021	6x6x6		8.8	36	61	3796		Non Engraved
4	Neck Column (1:1.5:3)	10	12	2021	6x6x6		8.4	36	100	6222		Non Engraved
5					/	GINE	RINE					
6						READIN		<b>X</b>				
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\A/!4	ad bur Nil											

Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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.

> 2606 Engr. Ubaid

To: Sub Divisional Officer

Your Ref. No.

**Buildings Sub Division No.9, Lahore.** 

425/9th

Project: Master Planning of Qurban Lines, Lahore Phase-1. Construction of BS(18-19) Apartments at

**Qurban Lines Lahore.** 

Our Ref. No. CL/CED/ 6920

Dated: 20-01-22

Test Specification
( BS 1881-116 )

Dated: 18-12-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 18-01-22 Tested on: 20-01-22 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft Foundation (1:2:4)	20	11	2021	6x6x6		8.6	36	71	4418		Non Engraved
2	Raft Foundation (1:2:4)	20	11	2021	6x6x6		8.2	36	52	3236		Non Engraved
3	Raft Foundation (1:2:4)	20	11	2021	6x6x6		8.6	36	94	5849		Non Engraved
4	Raft Foundation (1:2:4)	20	11	2021	6x6x6		8	36	60	3733		Non Engraved
5					/	GINE	RINE					
6			-			READW						
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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
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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.

> 2606 Engr. Ubaid

To: Sub Divisional Officer

Your Ref. No.

**Buildings Sub Division No.9, Lahore.** 

Project: Master Planning of Qurban Lines, Lahore Phase-1. Construction of BS(18-19) Apartments at

Dated:

20-01-22

05-01-22

**Qurban Lines Lahore.** 

Our Ref. No. CL/CED/ 6921

9/9th Dated:

**Test Specification** 

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 18-01-22 Tested on: 20-01-22 in dry/wet condition





Sr. No.	Mark*		Casting 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)	G.: (70)	
1	Footing Beam (1:2:4)	6	12	2021	6x6x6		9	36	84	5227		Non Engraved
2	Footing Beam (1:2:4)	6	12	2021	6x6x6		9	36	100	6222		Non Engraved
3	Footing Beam (1:2:4)	6	12	2021	6x6x6		9	36	110	6844		Non Engraved
4	Footing Beam (1:2:4)	6	12	2021	6x6x6		8.8	36	90	5600		Non Engraved
5					/	RINE	RIAVA					
6						READ W	200	<b>X</b>				
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Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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- 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.

> 2610 Engr. Ubaid

To: Mr. Ajmal Kaleem Ullah

Resident Engineer, AZEA Sialkot Residency

Project: Construction of Flyover at Shahabpura Chowk Defence Road Sialkot in District Sialkot. (M/s

Muhammad Asad Govt. Contractor).

Our Ref. No. CL/CED/ 6922

Dated: 20-01-22

Test Specification
( BS 1881-116 )

Your Ref. No. AZEA/SLK/SF/22/04 Dated: 12-01-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 18-01-22 Tested on: 20-01-22 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	Deck Slab	10	12	2021	6x6x6		8.8	36	97	6036		Non Engraved
2	Deck Slab	10	12	2021	6x6x6		8.6	36	94	5849		Non Engraved
3	Deck Slab	10	12	2021	6x6x6		8.4	36	103	6409		Non Engraved
4	Deck Slab	6	1	2022	6x6x6		8.6	36	114	7093		Non Engraved
5	Deck Slab	6	1	2022	6x6x6	GINE	8.6	36	92	5724		Non Engraved
6	Deck Slab	6	1	2022	6x6x6	T READW	8.6	36	106	6596		Non Engraved
7	Retaining Wall	27	12	2021	6x6x6	OF THY LIDITO VANC	8.4	36	62	3858		Non Engraved
8	Retaining Wall	27	12	2021	6x6x6	ظلا	8.6	36	83	5164		Non Engraved
9	Retaining Wall	27	12	2021	6x6x6		8.8	36	101	6284		Non Engraved
10	Retaining Wall	3	1	2022	6x6x6	-LA	11 8 8 M	36	63	3920		Non Engraved
11	Retaining Wall	3	1	2022	6x6x6		8	36	59	3671		Non Engraved
12	Retaining Wall	3	1	2022	6x6x6		8.4	36	65	4044		Non Engraved
13												
14												
15												
16												
\A/:4	ad bur Nil								-	-		

Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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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.

> 2591 Dr. Umbreen

To: (Umair Magsood)

Our Ref. No. CL/CED/ 6923

Sub Divisional Officer, Buildings Sub Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore (Group No.01)

1 Toject. Construction of Mil A Hoster (Finase-II) Lanore (Croup No.01)

Your Ref. No. 29 Dated: 12-01-22

Dated:

20-01-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 14-01-22 Tested on: 19-01-22 in dry/wet condition



**Test Specification** 

(BS 1881-116)



Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Retaining Wall	6	4	2021	6x6x6		8.8	36	114	7093		Engraved
2	Retaining Wall	6	4	2021	6x6x6		8.8	36	108	6720		Engraved
3												
4												
5					/	GINE	RING					
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Witnessed by: Nil

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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.

> 2591 Dr. Umbreen

To: (Umair Magsood)

Our Ref. No. CL/CED/ 6924

Sub Divisional Officer, Buildings Sub Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore (Group No.01)

1 Toject. Construction of Mil A Hoster (Finase-II) Lanore (Croup No.01)

Your Ref. No. 30 Dated: 12-01-22

Dated:

20-01-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 14-01-22 Tested on: 19-01-22 in dry/wet condition



**Test Specification** 

(BS 1881-116)



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	Upper Basement Lift Wall	6	10	2021	6x6x6		9	36	104	6471		Engraved
2	Upper Basement Lift Wall	6	10	2021	6x6x6		9	36	114	7093		Engraved
3												
4												
5					/	GINE	RINE					
6						READIN	200	<b>X</b>				
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Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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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.

2591 Dr. Umbreen

To: (Umair Magsood)

Our Ref. No. CL/CED/ 6925

Sub Divisional Officer, Buildings Sub Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore (Group No.01)

1 Toject. Constituction of Mil A Hoster (1 Hase-II) Lanore (Croup No.01)

Your Ref. No. 33 Dated: 12-01-22

Dated:

20-01-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 14-01-22 Tested on: 19-01-22 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	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Ground Floor Slab	4	12	2021	6x6x6		8.6	36	98	6098		Engraved
2	Ground Floor Slab	4	12	2021	6x6x6		8.6	36	134	8338		Engraved
3												
4												
5					/	GINE	RINE					
6						READIN	Salar C					
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Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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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.

2591 Dr. Umbreen

To: (Umair Magsood)

Our Ref. No. CL/CED/ 6926

Sub Divisional Officer, Buildings Sub Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore (Group No.01)

1 Toject. Construction of the A Hoster (Finase-ii) Lanore (Croup No.01)

Your Ref. No. 31 Dated: 12-01-22

Dated:

20-01-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 14-01-22 Tested on: 19-01-22 in dry/wet condition



**Test Specification** 

(BS 1881-116)



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Upper Basement Column	25	10	2021	6x6x6		8.8	36	106	6596		Engraved
2	Upper Basement Column	25	10	2021	6x6x6		9	36	98	6098		Engraved
3												
4												
5					/	GINE	RING					
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13			-									
14												
15												
16												

Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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.

2591 Dr. Umbreen

To: (Umair Magsood)

Our Ref. No. CL/CED/ 6927

Sub Divisional Officer, Buildings Sub Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore (Group No.01)

1 Toject. Constituction of Mil A Hoster (1 Hase-II) Lanore (Croup No.01)

Your Ref. No. 37 Dated: 12-01-22

Dated:

20-01-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-01-22 Tested on: 19-01-22 in dry/wet condition



**Test Specification** 

(BS 1881-116)



%)
Engraved
Engraved

Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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.

> 2591 Dr. Umbreen

To: (Umair Magsood)

Our Ref. No. CL/CED/ 6928

Sub Divisional Officer, Buildings Sub Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore (Group No.01)

1 Toject. Constituction of Mil A Hoster (1 Hase-II) Lanore (Croup No.01)

Your Ref. No. 38 Dated: 12-01-22

Dated:

20-01-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 14-01-22 Tested on: 19-01-22 in dry/wet condition



**Test Specification** 

(BS 1881-116)



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
	Ground Floor Lift		1	YYYY	• • •	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	. ()	
1	Wall	18	11	2021	6x6x6		9	36	110	6844		Engraved
2	Ground Floor Lift Wall	18	11	2021	6x6x6		9	36	83	5164		Engraved
3												
4												
5					/	GINE	RIATE					
6						READIN	200	<b>X</b>				
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16										-		

Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 1. \* as engraved on the specimens (if any)
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- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic 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.

> 2591 Dr. Umbreen

To: (Umair Magsood)

Our Ref. No. CL/CED/ 6929

Sub Divisional Officer, Buildings Sub Assembly, Lahore.

Project: Construction of MPA Hostel (Phase-II) Lahore (Group No.01)

1 Toject. Constituction of Mil A Hoster (1 Hase-II) Lanore (Croup No.01)

Your Ref. No. 32 Dated: 12-01-22

Dated:

20-01-22

**COMPRESSION TEST REPORT** 

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

Specimens received on: 14-01-22 Tested on: 19-01-22 in dry/wet condition



**Test Specification** 

(BS 1881-116)



Remarks	Water Absorpti on (%)		load	Area of X-Section		Wet Weight	Size	Date*			Mark*	Sr. No.
	011 (70)	(psi)	(Imp.Tons)	(Sq. in)	(Kg/ gms)	(Kg/ gms)	(in)	YYYY	ММ	DD		
Engraved		5849	94	36	9		6x6x6	2021	11	6	Upper Basement Slab	1
Engraved		7467	120	36	9		6x6x6	2021	11	6	Upper Basement Slab	2
												3
												4
					RING	GINE	/					5
				X	200	READIN						6
				<b>=</b> -	- N	DE THY LORD WHO						7
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					- 6	<b>%</b>						9
					IORE.	LA						10
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-		-										13
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Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 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.

> 2595 Dr. Umbreen

To: Mr. Saqib Riaz

Project Manager, M/S RIZWAN ASSOCIATES

**Project: Sub Station Slab Model Town Club Lahore** 

Our Ref. No. CL/CED/ 6930 Dated: 20-01-22 <u>Test Specification</u>

Your Ref. No. UET/RA/SITE/01-22 Dated: 14-01-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-01-22 Tested on: 19-01-22 in dry/wet condition



(BS 1881-116)



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0 (70)	
1	Sub Station Slab (1:2:4)	15	12	2021	6x6x6		8.6	36	33	2053		Engraved
2	Sub Station Slab (1:2:4)	15	12	2021	6x6x6		8.4	36	29	1804		Engraved
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Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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

**ORIGINAL** 

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2509 Dr. Umbreen

To: Engr. Asif Jah, Executive Engineer Tamirat.

Anjuman Himayat-I-Islam, 119 Multan Road Lahore.

Project: Construction of Charity Plaza AHI, Lahore. (Contractor, M/s Ch Maqsood Ahmed).

Our Ref. No. CL/CED/ 6931 Dated: 20-01-22

Your Ref. No. AHI/TM:1291 Dated: 31-12-21

### COMPRESSION TEST REPORT

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

Specimens received on: 31-12-21 Tested on: 19-01-22 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	1st floor RCC Slab 1:2:4	10	11	2021	6Diax12		13.2	28.28	53	4198		Non Engraved
2	1:2:4 1st floor RCC Slab 1:2:4	10	11	2021	6Diax12		13.6	28.28	55	4356		Non Engraved
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Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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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** 

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> 2509 Dr. Umbreen

To: Engr. Asif Jah, Executive Engineer Tamirat.

Anjuman Himayat-I-Islam, 119 Multan Road Lahore.

Project: Construction of Charity Plaza AHI, Lahore. (Contractor, M/s Ch Maqsood Ahmed).

Our Ref. No. CL/CED/ 6932 Dated: 20-01-22

Your Ref. No. AHI/TM:1290 Dated: 31-12-21

**Test Specification** 

( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 31-12-21 Tested on: 19-01-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	1st floor RCC Columns 1:1:2	26	10	2021	6Diax12		13	28.28	57	4515		Non Engraved
2	1st floor RCC Columns 1:1:2	26	10	2021	6Diax12		13.2	28.28	49	3881		Non Engraved
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Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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**ORIGINAL** 

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> 2509 Dr. Umbreen

To: Engr. Asif Jah, Executive Engineer Tamirat.

Anjuman Himayat-I-Islam, 119 Multan Road Lahore.

Project: Construction of Charity Plaza AHI, Lahore. (Contractor, M/s Ch Maqsood Ahmed).

Our Ref. No. CL/CED/ 6933 Dated: 20-01-22

Your Ref. No. AHI/TM:1292 Dated: 31-12-21

**Test Specification** 

( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 31-12-21 Tested on: 19-01-22 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)	OII (78)	
Columns 1:1:2	23	11	2021	6Diax12		13	28.28	61	4832		Non Engraved
2nd Floor RCC Columns 1:1:2	23	11	2021	6Diax12		13	28.28	63	4990		Non Engraved
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	2nd Floor RCC Columns 1:1:2 2nd Floor RCC Columns 1:1:2	Mark* DD  2nd Floor RCC Columns 1:1:2 2nd Floor RCC Columns 1:1:2	Mark*  2nd Floor RCC Columns 1:1:2 2nd Floor RCC Columns 1:1:2 23 11 23 11 23 11 23 21 23 21 23 22 23 23 23 24 25 25 25 25 26 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25 25 27 25 25	2nd Floor RCC Columns 1:1:2 2nd Floor RCC 2n	Mark*  DD MM YYYY (in)  2nd Floor RCC Columns 1:1:2  2nd Floor RCC Columns 1:1:2	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)    2nd Floor RCC   Columns 1:1:2   23   11   2021   6Diax12     13    2nd Floor RCC   Columns 1:1:2   23   11   2021   6Diax12     13  -	Mark*   Casting Date*   Size   Weight   Weight   X-Section	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Weight   Meight   Meight	Mark*         Casting Date*         Size         Weight (Kg/gms)         X-Section (Ioad Stress (psi))           2nd Floor RCC Columns 1:1:2         23 11 2021 6Diax12	Mark*

Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

- 1. \* as engraved on the specimens (if any)
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University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

**ORIGINAL** 

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2509 Dr. Umbreen

To: Engr. Asif Jah, Executive Engineer Tamirat.

Anjuman Himayat-I-Islam, 119 Multan Road Lahore.

Project: Construction of Charity Plaza AHI, Lahore. (Contractor, M/s Ch Maqsood Ahmed).

Our Ref. No. CL/CED/ 6934 Dated: 20-01-22

Your Ref. No. AHI/TM:1289 Dated: 31-12-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 19-01-21 Tested on: 19-01-22 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	Ground Floor RCC Slab 1:2:4	2	10	2021	6Diax12		13.4	28.28	69	5465		Non Engraved
2	Ground Floor RCC Slab 1:2:4	2	10	2021	6Diax12		13.1	28.28	63	4990		Non Engraved
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#### Witnessed by: Nil

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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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.

2481 Dr. Umbreen

To: Mr. Moiz Rafi S/O Irfan Rafi

House No. 143, Defence Housing Authority, District, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6935 Dated: 20-01-22

Your Ref. No. Nil Dated: 27-12-21 (BS 3921\*\*)

#### COMPRESSION TEST REPORT

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

Specimens received on: 27-12-21 Tested on: 19-01-22 in dry/wet condition



**Test Specification** 



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD MM YYYY		YYYY	(in)	(Kg/ gms) (Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1	MS				8.8 x 4.4 x 3	3770	3430	38.72	37	2140	9.91	
2	MS				8.6 x 4.2 x 3	3675	3350	36.12	49	3039	9.7	
3	MS				8.9 x 4.3 x 3.1	3795	3470	38.27	49	2868	9.37	
4	MS				8.8 x 4.3 x 3.1	3895	3565	37.84	47	2782	9.26	
5	MS				8.9 x 4.4 x 3	3885	3545	39.16	49	2803	9.59	
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Witnessed by:

Results can also be seen on website <a href="https://civil.uet.edu.pk/concrete-laboratory-reports1/">https://civil.uet.edu.pk/concrete-laboratory-reports1/</a>

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