

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.

6502 Dr. M. Yousaf

To: Mr. Muhammad Sajjad

Project Incharge, Tayba Developers.

Project: Construction of Tayba Developers, 15-A3 Gulberg III, Lahore.

Our Ref. No. CL/CED/ 3957 Dated: 15-01-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 08-01-24 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 08-01-24 Tested on: 15-01-24 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	Lift Area (3000 Psi)	29	12	2023	6Diax12		13.4	28.28	50	3960		Non Engraved
2	Lift Area (3000 Psi)	29	12	2023	6Diax12		13	28.28	56	4436		Non Engraved
3	Lift Area (3000 Psi)	29	12	2023	6Diax12		14	28.28	52	4119		Non Engraved
4	Main Raft Area (3000 Psi)	30	12	2023	6Diax12		13	28.28	60	4752		Non Engraved
5	Main Raft Area (3000 Psi)	30	12	2023	6Diax12	THE	13.4	28.28	54	4277		Non Engraved
6	Main Raft Area (3000 Psi)	30	12	2023	6Diax12	READ IN	13.2	28.28	51	4040		Non Engraved
7					-	OF THY	ان کی خلق ر ان کی خلق ر	<u> </u>		-		
8										-		
9						1		<b>~</b> /				
10						LA	IORE.					
11												
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13				-								
14												
15												
16												
Witness	ed by: Nil				<u> </u>							

Witnessed by: Nil

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

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

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



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6501 Dr. M. Yousaf

To: Mr. M. Faisal Bhatti

for Ittefaq Buiding Solutions (Pvt) Ltd.

Project: Mr. Chughtai House Residence at Plot #74, Muneer Road Cantt. Lahore.

Our Ref. No. CL/CED/ 3958 Dated: 15-01-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 08-01-24 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 08-01-24 Tested on: 15-01-24 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	Raft 2nd Pour (4000 Psi)	9	12	2023	6Diax12		13	28.28	46	3644		Non Engraved
2	Raft 2nd Pour (4000 Psi)	9	12	2023	6Diax12		13.4	28.28	58	4594		Non Engraved
3												
4				-								
5				-		THE	RING					
6		-			}	READ IN	207					
7		1		-		OF THY	ر تیب اندنی خلق ر	E2			1	
8				-								
9				-	)	-						
10				-		LA	IORE.					
11		-										
12		I					-					
13				-								
14												
15		-					-				-	
16												
Witness	sed by: Nil											

witnessed by: Nii

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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6515 Dr. M. Yousaf

To: Mr. Muhammad Irfan

Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Burj-1 by Ajwa Builders. (Main Building B/01, Zone-02, Area-04)

Our Ref. No. CL/CED/ 3959 Dated: 15-01-24 <u>Test Specification</u>

Your Ref. No. DOC-BMC/AJWA/139 Dated: 09-01-24 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 09-01-24 Tested on: 15-01-24 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	Col #02, Grid #B'/7- 9 (6000 Psi)	8	12	2023	6Diax12		13.8	28.28	74	5861		Non Engraved
2	Col #02, Grid #B'/7- 9 (6000 Psi)	8	12	2023	6Diax12		14	28.28	73	5782		Non Engraved
3	Col #02, Grid #B'/7- 9 (6000 Psi)	8	12	2023	6Diax12		13.2	28.28	69	5465		Non Engraved
4												
5					-	WHINE	RING					
6						READ IN	207	<b></b> -				
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9								<b>~</b>				
10						LA	IORE.					
11		-									-	
12		-					-					
13												
14												
15							1					
16												
Witness	ed by: 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. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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6515 Dr. M. Yousaf

To: Mr. Muhammad Irfan

Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Burj-1 byb Ajwa Builders. (Main Building B/01, Zone-02, Area-04)

Our Ref. No. CL/CED/ 3960 Dated: 15-01-24 <u>Test Specification</u>

Your Ref. No. DOC-BMC/AJWA/140 Dated: 09-01-24 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 09-01-24 Tested on: 15-01-24 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	Col#01 Grid #H'/7 (6000 Psi)	10	12	2023	6Diax12		13.2	28.28	66	5228		Non Engraved
2	Col#01 Grid #H'/7 (6000 Psi)	10	12	2023	6Diax12		13	28.28	62	4911		Non Engraved
3	Col#01 Grid #H'/7 (6000 Psi)	10	12	2023	6Diax12		13.4	28.28	60	4752		Non Engraved
4												
5					-	WHINE	RING					
6						READ IN	207					
7	-				1	OF THY	ر تیب اند کی خلق ر	===			1	
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10						-LA	IORE.					
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12							-					
13							-					
14												
15							1					
16												
Witness	ad hv. Nil											

Witnessed by: Nil

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6529 Dr. M. Yousaf

To: ANH Developers (Pvt) Ltd

91 Block-B, Phase-V, D.H.A, Lahore.

Project: ANH Developers (Pvt) Ltd.

Our Ref. No. CL/CED/ 3961 Dated: 15-01-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 12-01-24 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 12-01-24 Tested on: 15-01-24 in dry/wet condition





Sr. No. Mark*		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	5000 Psi	13	12	2023	6Diax12		13	28.28	55	4356		Non Engraved
2	5000 Psi	13	12	2023	6Diax12		12.4	28.28	62	4911		Non Engraved
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5						THILE	RING					
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13												
14												
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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
- 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)
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6510 Dr. M. Yousaf

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

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

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3962 Dated: 15-01-24 <u>Test Specification</u>

Your Ref. No. G3/237/RE/140 Dated: 08-01-24 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 09-01-24 Tested on: 15-01-24 in dry/wet condition





Sr. No.	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	Plinth Beam (Canteen)	3	12	2023	6Diax12		14.6	28.28	83	6574		Non Engraved
2	Plinth Beam (Canteen)	3	12	2023	6Diax12		14.6	28.28	60	4752		Non Engraved
3												
4												
5						HEINE	RING					
6					}	READ IN	207				-	
7				-	17	OF THY LEGRO WHO CREATES	ر بجب ان فی خلق ر	E2				
8								<b>3</b> —				
9								<b>~</b>				
10						LA	IORE.					
11												
12							-					
13												
14												
15							-				-	
16							1					

Witnessed by: Nil

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

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6510 Dr. M. Yousaf

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

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

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3963 Dated: 15-01-24

Your Ref. No. G3/237/RE/139 Dated: 08-01-24 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 09-01-24 Tested on: 15-01-24 in dry/wet condition



**Test Specification** 



Sr. No.	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	GF Column (Canteen)	9	12	2023	6Diax12		15	28.28	50	3960		Non Engraved
2	GF Column (Canteen)	9	12	2023	6Diax12		14	28.28	52	4119		Non Engraved
3												
4												
5						HEINE	RING					
6					}	READ IN	207				-	
7					17	OF THY LEGRO WHO CREATES	ر بجب ان فی خلق ر	E2				
8								<b>3</b> —				
9								<b>~</b>				
10						LA	IORE.					
11												
12							-					
13												
14												
15							-				-	
16							1					

Witnessed by: Nil

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

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> 6510 Dr. M. Yousaf

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

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

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3964

Dated: 15-01-24

Test Specification

Your Ref. No. G3/237/RE/136

Dated: 08-01-24

( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 09-01-24 Tested on: 15-01-24 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	Plinth Beam (Commer. Center)	2	12	2023	6Diax12		14.8	28.28	48	3802		Non Engraved
2	Plinth Beam (Commer. Center)	2	12	2023	6Diax12		14.2	28.28	78	6178		Non Engraved
3							1			I		
4												
5						BINE	RING					
6						READ IN	200	<b></b> -				
7					- È	OF THY LEGRO WHO CREATES	ر بجب الدي خلق ر	E2		-		
8												
9					) -			<b>~</b> /				
10						-LA	IORE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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6510 Dr. M. Yousaf

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

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

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3965 Dated: 15-01-24

Your Ref. No. G3/237/RE/137 Dated: 08-01-24

Test Specification
( ASTM C39 )

## COMPRESSION TEST REPORT

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

Specimens received on: 09-01-24 Tested on: 15-01-24 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	G.F Column (Commer. Center)	6	12	2023	6Diax12		14.2	28.28	43	3406		Non Engraved
2	G.F Column (Commer. Center)	6	12	2023	6Diax12		14	28.28	57	4515		Non Engraved
3												
4												
5						THE	RING					
6					}	READ IN	207			I		
7					1	OF THY	ر تیب اندنی خلق ر	193		I		
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15										-		
16												
Witness	sed by: Nil											

Witnessed by: Nil

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6510 Dr. M. Yousaf

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

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

Strengthening of University of Narowal.

Our Ref. No. CL/CED/ 3966 Dated: 15-01-24 <u>Test Specification</u>

Your Ref. No. G3/237/RE/135 Dated: 08-01-24 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 09-01-24 Tested on: 15-01-24 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 (%)	
Ground Floor Slab	12	12	2023	6Diax12		15	28.28	74	5861		Non Engraved
Ground Floor Slab	12	12	2023	6Diax12		14.6	28.28	58	4594		Non Engraved
					THE	RING					
					READ IN	207					
					OF THY LEGRO WHO CREATES	ر بجب ان فی خلق ر	E2		-		-
							ASN.				
					-LA	IORE.					
	Ground Floor Slab Ground Floor Slab	Mark* DD  Ground Floor Slab 12  Ground Floor Slab 12	Mark* DD MM  Ground Floor Slab 12 12  Ground Floor Slab 12 12	DD   MM   YYYY	Mark* DD MM YYYY (in)  Ground Floor Slab 12 12 2023 6Diax12  Ground Floor Slab 12 12 2023 6Diax12	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*         Casting Date*         Size         Weight Weight (Kg/ gms)         X-Section (Sq. in)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28           Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28 <td>Mark*         Casting Date*         Size         Weight (Kg/ gms)         X-Section (Sq. in)         Load (Imp.Tons)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28         74           Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28         58   <td< td=""><td>Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in) (Imp.Tons)         Load (psi)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28         74         5861           Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28         58         4594   </td><td>Mark*         Casting Date*         Size Date*         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Inp. Tons)         Absorption (%)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28         74         5861            Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28         58         4594  </td></td<></td>	Mark*         Casting Date*         Size         Weight (Kg/ gms)         X-Section (Sq. in)         Load (Imp.Tons)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28         74           Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28         58 <td< td=""><td>Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in) (Imp.Tons)         Load (psi)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28         74         5861           Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28         58         4594   </td><td>Mark*         Casting Date*         Size Date*         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Inp. Tons)         Absorption (%)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28         74         5861            Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28         58         4594  </td></td<>	Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in) (Imp.Tons)         Load (psi)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28         74         5861           Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28         58         4594	Mark*         Casting Date*         Size Date*         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Inp. Tons)         Absorption (%)           Ground Floor Slab         12         12         2023         6Diax12          15         28.28         74         5861            Ground Floor Slab         12         12         2023         6Diax12          14.6         28.28         58         4594

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.



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**ORIGINAL** 

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

6507 Dr. M. Yousaf

To: Mr. M. Asif

Site Incharge, Canal 44 Luxury Apartments

Projcet: Nil

Our Ref. No. CL/CED/ 3967 Dated: 15-01-24 **Test Specification** 

Your Ref. No. Dated: 09-01-24 ( ASTM C39 )

#### COMPRESSION TEST REPORT

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

in dry/wet condition Specimens received on: 08-01-24 Tested on: 15-01-24





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		30	12	2023	6Diax12		13.8	28.28	34	2693		Engraved
2		30	12	2023	6Diax12		13.4	28.28	35	2772		Engraved
3												
4												
5						THE	RING					
6						READ IN	207			-		
7					1	OF THY	ر تیب اند کی خلق ر	E2		I		
8												
9				-		-						
10				-		(A	IORE.					
11												
12				-								
13										-		
14										-		
15							-			-		
16												
Witness	ed by: Nil				-							

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

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

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