

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.

> 4615 Dr. Unbreen

To: Mr. Ejaz Ali Bukhari

Resident Engineer (AZEA), Mianwali & Bhakkar. (Contractor: M/S GKB)

Project: Dualization of Road from Account Office Chowk to Railway Line I/C Link to Rabi Plaza Chowk in

Mianwali City (Total Length 1.53 Kms)

Our Ref. No. CL/CED/ 1229

Dated: 17/02/2023

Test Specification

Your Ref. No. AZEA/MWL/City/LAB/018

Dated: 18/12/2022

(----)

COMPRESSION TEST REPORT

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

Specimens received on: 19/01/2023 Tested on: 17/02/2023 in dry/wet condition





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)	011 (70)	
1	Kerb Stone				6x6x6		8	36	104	6471		Cut Cube
2	Kerb Stone				6x6x6		7.9	36	71	4418		Cut Cube
3	Kerb Stone				6x6x6		8.1	36	94	5849		Cut Cube
4												
5						CINE	RING					
6						Tagan'a						
7						THE NAME OF THY LIDED WHID	()					
8						CREATES	10000					
9							72	7				
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11						-	I					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 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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4803 Dr. Umbreen

To: **Baig Construction Co.**

Rehmanpura, Lahore.

Project: Construction of Jinnah Square Mall, Lahore.

Our Ref. No. CL/CED/ 1230 17/2/2023 Dated: **Test Specification** Your Ref. No. 17022023BCC Dated: 17/2/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	CL-5500 Psi	14	1	2023	6Diax12		14	28.28	112	8871		Non Engraved
2												
3												
4												
5						CINE	RING					
6						T DESTRUCTION OF THE PARTY OF T						
7						THE NAME OF THY LIGHT WHILE						
8					58	CREATES	10000					
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14												
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16										-		
Witness	sed by:					1	ı		1		1	

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4804 Dr. Umbreen

Test Specification

To: Baig Construction Co.

Rehmanpura, Lahore.

Project: Construction of Jinnah Square Mall, Lahore.

Our Ref. No. CL/CED/ 1231 Dated: 17/2/2023

Your Ref. No. 17022023BCC Dated: 17/2/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	CL-5500 Psi	14	1	2023	6Diax12		14	28.28	77	6099		Non Engraved
2												
3												
4												
5						GINE	RING					
6						TREADING						
7						THE NAME OF THY LIDED WHO	3 X					
8					55	CAEATES	10000					
9						—		7				
10					(TA LA	INRE.					
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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4805 Dr. Umbreen

(ASTM C39)

To: Mr. Rana Manzor

Your Ref. No.

Project Manager, TETRA READY MIX PVT. LTD.

TRM/AIFatah/001

Project: Construction of E-Mall 125/E 115/E Gulberg III Lahore

Our Ref. No. CL/CED/ 1232 Dated: 17/2/2023 <u>Test Specification</u>

Dated:

16/2/2023

COMPRESSION TEST REPORT

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

Specimens received on: 17/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Trial Mix 3000 Psi (1)	9	2	2023	6Diax12		13.6	28.28	63	4990		Non Engraved
2	Trial Mix 3000 Psi (2)	9	2	2023	6Diax12		13.6	28.28	61	4832		Non Engraved
3	Trial Mix 3000 Psi (11)	9	2	2023	6Diax12		13.4	28.28	61	4832		Non Engraved
4	TrialMix 3000 Psi (12)	9	2	2023	6Diax12		14	28.28	63	4990		Non Engraved
5	Trial Mix 4000 Psi (1)	9	2	2023	6Diax12	GINE	RIA14	28.28	77	6099		Non Engraved
6	Trial Mix 4000 Psi (2)	9	2	2023	6Diax12	THE ADIAN	14	28.28	73	5782		Non Engraved
7	Trial Mix 4000 Psi (11)	9	2	2023	6Diax12	THE NAME OF THY LIORO WHO	14	28.28	77	6099		Non Engraved
8	Trial Mix 4000 Psi (12)	9	2	2023	6Diax12	CABATES	13.8	28.28	73	5782		Non Engraved
9						\$	Z					
10						-/A	INRE .					
11												
12												
13												
14												
15												
16												

Witnessed by: Mr. Faisal Hussain, CNIC: 44203-8540872-5 & Mr. Javaid Iqbal, CNIC 35102-4898955-5

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4743 Dr. Umbreen

To: M. Saleem Construction Company, Engineers & Contractors

Sheikhupura.

Project: Extension (Store) Dyeing Unit

 Our Ref. No. CL/CED/
 1233
 Dated:
 17/2/2023
 Test Specification

 Your Ref. No.
 Cylender Test
 Dated:
 08/02/2023
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 8/2/2023 Tested on: 17/2/2023 in dry/wet condition



			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
CF-1 Line A- 1 Grid- 2 to 3	21	1	2023	6Diax12		13.8	28.28	83	6574		Engraved
CF-1 Line A- 1 Grid-	27	1	2023	6Diax12		13.4	28.28	75	5941		Engraved
		-				-					
					CINE	RING					
					Taganw.						
					THE NAME OF THY LIDED WHO	(\$) Y					
		-		es	CREATES	35					
											
		-		(- /A	INRE.					
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		I									
		I									
	2 to 3 CF-1 Line A- 1 Grid- 2 to 3	2 to 3 CF-1 Line A- 1 Grid- 2 to 3	2 to 3 CF-1 Line A-1 Grid- 2 to 3	2 to 3 CF-1 Line A- 1 Grid- 2 to 3	2 to 3 CF-1 Line A- 1 Grid- 2 to 3	2 to 3 CF-1 Line A-1 Grid- 2 to 3 CF-1 Line A-1	2 to 3 CF-1 Line A- 1 Grid- 2 to 3	2 to 3 27	2 to 3 3F-1 Line A-1 Grid- 2 to 3	2 to 3 27	2 to 3

Witnessed by:

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

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4743 Dr. Umbreen

To: M. Saleem Construction Company, Engineers & Contractors

Sheikhupura.

Project: Extension (Store) Dyeing Unit

Our Ref. No. CL/CED/ 1234 17/2/2023 Dated: **Test Specification** Your Ref. No. **Cylender Test** Dated: 08/02/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 8/2/2023 Tested on: 17/2/2023 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks	
		MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)		
1 to 2	20	1	2023	6Diax12		13.6	28.28	57	4515		Engraved	
CF-2 Line A- 1 Grid- 1 to 2	28	1	2023	6Diax12		13.4	28.28	49	3881		Engraved	
					CINE	RING						
					Tagana)							
					THE NAME OF THY LIDED WHO	- N						
				58	CREATES	100.00						
							7					
					" - LA	IORE .						
	CF-2 Line A- 1 Grid- 1 to 2 CF-2 Line A- 1 Grid- 1 to 2	Mark* DD CF-2 Line A- 1 Grid- 1 to 2 CF-2 Line A- 1 Grid- 28 1 to 2	Mark* DD MM CF-2 Line A- 1 Grid- 1 to 2 CF-2 Line A- 1 Grid- 1 to 2	CF-2 Line A- 1 Grid- 1 to 2 CF-2 Line A- 1 Grid- 1 to 2	Mark* DD MM YYYY (in) CF-2 Line A- 1 Grid- 1 to 2 CF-2 Line A- 1 Grid- 1 to 2	Mark* DD MM YYYY (in) (Kg/gms)	Mark* Casting Date* Size Weight Weight <th col<="" td=""><td>Mark* Casting Date* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) </td><td>Mark* Casting Date* Size Weight Weight Weight (Kg/gms) X-Section load (Imp.Tons) CF-2 Line A- 1 Grid 1 to 2 28 1 2023 6Diax12 13.6 28.28 57 CF-2 Line A- 1 Grid 1 to 2 28 1 2023 6Diax12 13.4 28.28 49 </td><td>Mark* Casting Date* Size Weight Weight X-Section load Stress (Kg/ gms) (</td><td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) CF-2 Line A-1 Grid 1 to 2 28 1 2023 6Diax12 13.6 28.28 57 4515 CF-2 Line A-1 Grid 1 to 2 28 1 2023 6Diax12 13.4 28.28 49 3881 </td></th>	<td>Mark* Casting Date* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) </td> <td>Mark* Casting Date* Size Weight Weight Weight (Kg/gms) X-Section load (Imp.Tons) CF-2 Line A- 1 Grid 1 to 2 28 1 2023 6Diax12 13.6 28.28 57 CF-2 Line A- 1 Grid 1 to 2 28 1 2023 6Diax12 13.4 28.28 49 </td> <td>Mark* Casting Date* Size Weight Weight X-Section load Stress (Kg/ gms) (</td> <td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) CF-2 Line A-1 Grid 1 to 2 28 1 2023 6Diax12 13.6 28.28 57 4515 CF-2 Line A-1 Grid 1 to 2 28 1 2023 6Diax12 13.4 28.28 49 3881 </td>	Mark* Casting Date* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in)	Mark* Casting Date* Size Weight Weight Weight (Kg/gms) X-Section load (Imp.Tons) CF-2 Line A- 1 Grid 1 to 2 28 1 2023 6Diax12 13.6 28.28 57 CF-2 Line A- 1 Grid 1 to 2 28 1 2023 6Diax12 13.4 28.28 49	Mark* Casting Date* Size Weight Weight X-Section load Stress (Kg/ gms) (Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) CF-2 Line A-1 Grid 1 to 2 28 1 2023 6Diax12 13.6 28.28 57 4515 CF-2 Line A-1 Grid 1 to 2 28 1 2023 6Diax12 13.4 28.28 49 3881

Witnessed by:

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> 4743 Dr.Umbreen

To: M. Saleem Construction Company, Engineers & Contractors

Sheikhupura.

Project: Extension (Store) Dyeing Unit

 Our Ref. No. CL/CED/
 1235
 Dated:
 17/2/2023
 Test Specification

 Your Ref. No.
 Cylender Test
 Dated:
 08/02/2023
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 8/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
			MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	CF-3 Line A- 2 Grid- 1 to 2	30	1	2023	6Diax12		14	28.28	43	3406		Engraved
2	CF-3 Line A- 2 Grid- 1 to 2	30	1	2023	6Diax12		14	28.28	41	3248		Engraved
3												
4												
5						GINE	RING					
6			-			E MEADING						
7						THE NAME OF THE VALUE						
8					es	CREATES	10000	=				
9												
10			-			" = IA	INRT.					
11												
12												
13												
14												
15												
16												
Witness	sed by:											

Witnessed by:

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

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> 4785 Dr. Umbreen

To: Mr. Shoaib

Assistant Engineer Civil UHE, M. SIDDIQUE SONS BUILDING CONTRACTOR

Project: Business Incubation Center, UHE Lahore.

Our Ref. No. CL/CED/ 1236

Dated: 17/2/2023

Test Specification
(ASTM C39)

Your Ref. No. Nil

Dated: 14/02/2023

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Column Footings (3000 Psi)	21	1	2023	6Diax12		14.2	28.28	33	2614		Engraved
2	Column Footings (3000 Psi)	21	1	2023	6Diax12		12.8	28.28	31	2455		Engraved
3												
4					-							
5					=	GINE	RING					
6						E SECADIAN						
7					-	THE NAME OF THY LIGHT WHO						
8					/S 8	CREATES	3					
9				-				7				
10					(- IA	INRE .					
11					-							
12					-							
13					-							
14					-							
15												
16												
Witness	sed by:					<u> </u>						

Witnessed by:

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4785 Dr. Umbreen

To: Mr. Shoaib

Assistant Engineer Civil UHE, M. SIDDIQUE SONS BUILDING CONTRACTOR

Project: Business Incubation Center, UHE Lahore.

Our Ref. No. CL/CED/ 1237

17/2/2023 Dated:

Test Specification

Your Ref. No.

Dated: 14/02/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 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 (%)	
Column Footings (3000 Psi)	19	1	2023	6Diax12		14	28.28	33	2614		Engraved
Column Footings (3000 Psi)	19	1	2023	6Diax12		13	28.28	27	2139		Engraved
					GINE	RING					
					Teranial						
	1				THE NAME OF THY LIGHT WHO						
	-			52	CREATES	10000	-				
	-						7				
				(-/A	INRE .					
	1										
	1										
	Column Footings (3000 Psi) Column Footings (3000 Psi)	Column Footings (3000 Psi) Column Footings (3000 Psi)	Column Footings (3000 Psi) 19 1 Column Footings (3000 Psi) 19 1	Column Footings (3000 Psi) Column Footings (3000 Psi)	DD MM YYYY (in)	Column Footings (3000 Psi) Column Footings (3000 Psi) Column Footings (3000 Psi)	Column Footings (3000 Psi) 19 1 2023 6Diax12 14 Column Footings (3000 Psi) 19 1 2023 6Diax12 13	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	DD MM YYYY	DD MM YYYY

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

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4762 Dr. Umbreen

To: Mr. Muhammad Siddique

Head QA/AC, AL-A'ZAMIYYA BLOCK PHASE I

Project: Nil

Our Ref. No. CL/CED/ 1238 17/2/2023 Dated: **Test Specification** Your Ref. No. Alz/CT/UET/004 Dated: 10/02/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 10/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4000 Psi	17	1	2023	6Diax12		13	28.28	55	4356		Non Engraved
2	4000 Psi	17	1	2023	6Diax12		13	28.28	47	3723		Non Engraved
3												
4												
5						CONE	RING					
6						THEAD M						
7						THE NAME OF THY LIGHT WHILE						
8					58	CREATES	10000					
9						5		7				
10						" - LA	INRE.					
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 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.

> 4780 Dr.Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Column Grid 4/A, B1 Grid 3/A, B1 C2,(20) C15,C 18x2, C23x2

Grid 5/A, B1 Ramp)

Your Ref. No.

Our Ref. No. CL/CED/ 1239

Dated: 17/2/2023

Test Specification

Dated: 14/2/2023

(ASTM C39)

COMPRESSION TEST REPORT

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

OCC/CPD/17/121

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



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 (%)	
6000 Psi	31	1	2023	6Diax12		13.6	28.28	118	9347		Non Engraved
6000 Psi	31	1	2023	6Diax12		13.2	28.28	83	6574		Non Engraved
					GINE	RING					
					T DESTRUCTION						
					THE NAME OF THY LIGHT WHO	G \					
				58	CAEATES	10000					
					%		7				
					" - LA	INRE.					
									-		
	6000 Psi 6000 Psi	Mark* DD 6000 Psi 31 6000 Psi 31	Mark* DD MM 6000 Psi 31 1	DD MM YYYY 6000 Psi 31 1 2023	Mark* DD MM YYYY (in) 6000 Psi 31 1 2023 6Diax12	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (6000 Psi 31 1 2023 6Diax12 13.6 6000 Psi 31 1 2023 6Diax12 13.2	Mark*	Mark*	Mark* Casting Date* Size Weight Weight X-Section load Stress (Fig. 1)	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.



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.

> 4780 Dr.Umbreen

Test Specification

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B3 Floor Slab Grid 1.1-1/B.1-E3)

Our Ref. No. CL/CED/ 1240 17/2/2023 Dated:

Your Ref. No. OCC/CPD/17/124 Dated: 14/2/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*			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	4000 Psi	3	2	2023	6Diax12		13	28.28	104	8238		Non Engraved
2	4000 Psi	3	2	2023	6Diax12		14	28.28	57	4515		Non Engraved
3												
4												
5						CINE	RING					
6						THEAD W						
7						THE NAME OF THY LIGHT WHILE						
8					es	CREATES	50					
9						5 —		7				
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11												
12												
13												
14												
15												
16										-		

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

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

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



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

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

> 4780 Dr.Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Raft Grid 1.1-1/E-3 H)

Our Ref. No. CL/CED/ 1241 17/2/2023 Dated: **Test Specification**

Your Ref. No. OCC/CPD/17/125 Dated: 14/2/2023 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Casting 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	5000 Psi	31	1	2023	6Diax12		13.2	28.28	51	4040		Non Engraved
2	5000 Psi	31	1	2023	6Diax12		14	28.28	77	6099		Non Engraved
3												
4												
5						CINE	RING					
6						T BEAD AL						
7						THE NAME OF THY LIGHT WHO						
8					es	CAEATES	35/					
9						5		7				
10					(" - LA	INRE.					
11							-					
12												
13												
14												
15												
16										-		

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

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

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



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

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> 4780 Dr.Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Grid 5/C.1, D, D.3 Grid 4/C-3, D.1 C15x3)

Our Ref. No. CL/CED/ 1242 17/2/2023

Your Ref. No. OCC/CPD/17/122 Dated: 14/2/2023

Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



Test Specification

(ASTM C39)

Mark*	Casting Date*			Size	Wet Weight	Weight X	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
6000 Psi	1	2	2023	6Diax12		13.4	28.28	83	6574		Non Engraved
6000 Psi	1	2	2023	6Diax12		13.2	28.28	104	8238		Non Engraved
					GINE	RINO					
					Topania.						
					THE NAME OF THY LIGHT WHO	Q					
				58	CREATES	10000					
					,	-	7				
				(" - LA	INRE.					
									-		
	6000 Psi 6000 Psi	Mark* DD 6000 Psi	Mark* DD MM 6000 Psi	Mark* DD MM YYYY 6000 Psi	Mark* DD MM YYYY (in) 6000 Psi	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight	Mark*	Mark* Casting Date* Size Weight Weight X-Section load (Imp.Tons)	Mark* Casting Date* Size Weight Weight X-Section load Stress (Fig. 1)	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 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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A carbon copy for the report has been retained in the lab for record.

> 4780 Dr.Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Grid 4/E3,F2, 3/E3 C18x2 C23 x2)

Our Ref. No. CL/CED/ 1243 17/2/2023 Dated: **Test Specification**

Your Ref. No. OCC/CPD/15/110 Dated: 14/2/2023

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



(ASTM C39)

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	6000 Psi	14	1	2023	6Diax12		13.2	28.28	92	7287		Engraved
2	6000 Psi	14	1	2023	6Diax12		13.2	28.28	77	6099		Engraved
3												
4												
5						CINE	RING					
6						C READ AL						
7						THE NAME OF THY LIORO WHO						
8					58	CAEATES	10000					
9						—	7/2	7				
10						-/A	INRE.					
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 comprerssive strength

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



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

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> 4780 Dr.Umbreen

Test Specification

(ASTM C39)

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B2 Column Grid 4-C-3D.1 Grid 5C1 D, D-3, B-1)

Our Ref. No. CL/CED/ 1244 17/2/2023

Your Ref. No. OCC/CPD/14/109 Dated: 14/2/2023

Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	sorpti Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	6000 Psi	13	1	2023	6Diax12		14	28.28	81	6416		Non Engraved
2	6000 Psi	13	1	2023	6Diax12		13	28.28	90	7129		Non Engraved
3												
4												
5						GINE	RING					
6						THEADIN						
7						THE NAME OF THY LIGHT WHILE	S \					
8					ea	CREATES	33					
9						\$		7				
10						" - /A	INRE .					
11												
12												
13												
14												
15												
16												
Witness	sed by:		<u> </u>	<u>. </u>			ı	ı	ı		<u>ı </u>	

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

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

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



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

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

> 4780 Dr.Umbreen

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B2 Slab Grid 1-2 Line C-E Slab)

Our Ref. No. CL/CED/ 1245

Test Specification Your Ref. No. OCC/CPD/14/109 Dated: 14/2/2023 (ASTM C39)

Dated:

17/2/2023

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section			Water	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)					on (%)	
4000 Psi	13	1	2023	6Diax12		13.2	28.28	71	5624		Non Engraved
4000 Psi	13	1	2023	6Diax12		13.4	28.28	77	6099		Non Engraved
					CINE	RING					
					C READ AL						
					THE NAME OF THY LIORO WHO						
				ea	CAEATES	35/					
					5 <u>-</u>		7				
					-/A	INRT.					
						-					
									-		
	4000 Psi 4000 Psi	Mark* DD 4000 Psi 13 4000 Psi 13	Mark* DD MM 4000 Psi 13 1 4000 Psi 13 1	Mark* DD MM YYYY 4000 Psi 13 1 2023	Mark* DD MM YYYY (in) 4000 Psi 13 1 2023 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Kg/ gms) (13.2 13.2 13.4	Mark*	Mark*	Mark* Casting Date* Size Weight Weight X-Section load Stress (kg/gms) (kg/gms)	Mark*

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

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

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



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

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

> 4780 Dr.Umbreen

To: Engr. Major Zia-ul-Islam (R)

Your Ref. No.

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (Retaining wall-19 Grid 5-2/H (19) Column 1 Grid 2/G, F D1,

C3 Grid 1/E3 D1, C3 C23x7

Our Ref. No. CL/CED/ 1246 OCC/CPD/15/111 17/2/2023

14/2/2023

Dated:

Dated:

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load		water	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)					on (%)	
6000 Psi	15	1	2023	6Diax12		13	28.28	92	7287		Non Engraved
6000 Psi	15	1	2023	6Diax12		14	28.28	112	8871		Non Engraved
					CINE	RING					
					E BEAD AL						
					THE NAME OF THY LIGHT WHE						
				es	CREATES	35/					
					5		7				
				(-/A	INRE.					
						-					
									-		
	6000 Psi 6000 Psi	Mark* DD 6000 Psi	Mark* DD MM 6000 Psi 15 1 6000 Psi 15 1	Mark* DD MM YYYY 6000 Psi 15 1 2023	Mark* DD MM YYYY (in) 6000 Psi 15 1 2023 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (K	Mark*	Mark*	Mark* Casting Date* Size Weight Weight X-Section load Stress (Fraging Date* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) (psi) (Sq. in) (Imp.Tons) (Imp.Tons) (psi) (Sq. in) (Imp.Tons) (Imp	Mark*

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

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

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



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

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

> 4780 Dr.Umbreen

Test Specification

(ASTM C39)

To: Engr. Major Zia-ul-Islam (R)

Project Director, GCC, Lahore, Overseas Construction Co. (Pvt) Ltd

Project: Construction of Gulberg City Centre (B2 Column Grid 3,4-B.1 (18x2) C20 Grid 5 Ramp 19')

Our Ref. No. CL/CED/ 1247 17/2/2023

Your Ref. No. OCC/CPD/14/108 Dated: 14/2/2023

Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 14/2/2023 Tested on: 17/2/2023 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	6000 Psi	12	1	2023	6Diax12		13.8	28.28	104	8238		Non Engraved
2	6000 Psi	12	1	2023	6Diax12		14	28.28	120	9505		Non Engraved
3												
4												
5						GINE	RINO					
6						THEAD AL						
7						THE NAME OF THY LIDED WHID						
8					58	CAEATES	10000					
9						—		7				
10						" - LA	INRE.					
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 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.

> 4793 Dr.Umbreen

To: Mr. Khalid Bashir

For Ittefaq Building Solutions (Pvt) Ltd

Project: Construction of Ahmad Latif House-511 DHA Phase-6, J block Lahore

Our Ref. No. CL/CED/ 1248 17/2/2023 Dated: **Test Specification** Your Ref. No. IBS/AL/CT-03 Dated: 09/02/2023 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 16/2/2023 Tested on: 17/2/2023 in dry/wet condition



Mark*	Cas	ting	Date*	Size		Weight	Area of X-Section	Ultimate load	Stress A	Absorpti	Remarks
	DD	MM	YYYY	(in)		(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Basement Slab	11	1	2023	6x6x6		8.6	36	81	5040		Non Engraved
Basement Slab (3000 psi)	11	1	2023	6x6x6		8.4	36	77	4791		Non Engraved
					GINE	RING					
					THE AD IN						
					THE NAME OF THY LIGHT WHILE						
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									-		
	Basement Slab (3000 psi) Basement Slab (3000 psi)	Mark* DD Basement Slab (3000 psi) Basement Slab (3000 psi)	Mark* DD MM Basement Slab (3000 psi) Basement Slab (3000 psi)	DD MM YYYY	Mark* DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark*	Mark*	Mark* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi)	Mark* Casting Date* Size Weight Weight X-Section load Stress Absorption (%)

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.