

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.

> 3857 Dr. Yousaf

To: Malik Faisal Hussain, Material Engineer

TETRA Engineering (Pvt) Ltd.

Project: Swiss Mall MM Alam Road Gulberg III, Lahore. ZSK (Fazal Jeweller)

 Our Ref. No. CL/CED/
 9775
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 TRM/LAB/21-22
 Dated:
 12-09-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 12-09-22 Tested on: 12-09-22 in dry/wet condition



C. No	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of	Ultimate	Ultimate	water	Domonto
Sr. No.	Wark"							X-Section		Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		17	6	2022	6Diax12		13.6	28.28	57	4515		Non Engraved
2		17	6	2022	6Diax12		14	28.28	95	7525		Non Engraved
3		17	6	2022	6Diax12		13.8	28.28	88	6970		Non Engraved
4		22	6	2022	6Diax12		13	28.28	88	6970		Non Engraved
5		22	6	2022	6Diax12	GINE	RI 14	28.28	53	4198		Non Engraved
6		22	6	2022	6Diax12	READW	13.6	28.28	73	5782		Non Engraved
7		26	6	2022	6Diax12	DHE NAME OF THY LIGHT WHO	- 14	28.28	77	6099		Non Engraved
8		26	6	2022	6Diax12		13.6	28.28	78	6178		Non Engraved
9		26	6	2022	6Diax12	<b>X</b>	13.8	28.28	87	6891		Non Engraved
10		28	6	2022	6Diax12	LA	14	28.28	81	6416		Non Engraved
11		28	6	2022	6Diax12		13.2	28.28	68	5386		Non Engraved
12		28	6	2022	6Diax12		13.3	28.28	67	5307		Non Engraved
13												
14												
15												
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 compressive strength

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



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**ORIGINAL** 

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3729 Dr. Umbreen

To: Mr. Ilyas Majeed Sheikh

Chairman Eagle Developers, Plot # BS-01 Dream Gardens, Lahore.

Project: Construction of Dream Galleria, Dream Gardens Lahore.

Our Ref. No. CL/CED/ 9776 Dated: 12-09-22

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

#### COMPRESSION TEST REPORT

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

Specimens received on: 17/8/2022 Tested on: 12-09-22 in dry/wet condition



**Test Specification** 



Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		6	8	2022	6 Diax12		12	28.28	15	1188		Engraved
2		6	8	2022	6 Diax12		12.4	28.28	28	2218		Engraved
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4												
5					/	THE	RING					
6						READW	200					
7						DHE NAME CE THY CORD WHO	-E	至—				
8												
9					\	<b>X</b>		<b>7</b>				
10					<	-LA	IORE.					
11												
12												
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 compressive strength

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



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**ORIGINAL** 

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

> 3830 Dr. Yousaf

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt.) Ltd. 10-Q, Gulberg-II, Lahore.

Project: Nil

 Our Ref. No. CL/CED/ 9778
 Dated: 12-09-22

 Your Ref. No. IHPL/Con/885
 Dated: 31/8/2022

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-09-22 Tested on: 12-09-22 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	6	8	2022	6Diax12		13.6	28.28	67	5307		Non Engraved
2	4000 Psi	6	8	2022	6Diax12		13.8	28.28	67	5307		Non Engraved
3	4000 Psi	6	8	2022	6Diax12		14	28.28	70	5545		Non Engraved
4												
5					/	KEINE	RINE					
6						READIN						
7						DHE NAME OF THY LIDRO WHO	- St	EFF -				
8					00		2000					
9							&					
10					<	-LA	IORE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan

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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- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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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)
- 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

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> 3830 Dr. Yousaf

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt.) Ltd. 10-Q, Gulberg-II, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 9779
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 IHPL/Con/884
 Dated:
 31/8/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	5000 Psi	5	8	2022	6Diax12		14	28.28	77	6099		Non Engraved
2	5000 Psi	5	8	2022	6Diax12		14.2	28.28	86	6812		Non Engraved
3	5000 Psi	5	8	2022	6Diax12		14	28.28	76	6020		Non Engraved
4												
5					/	GINE	RINE					
6						READW						
7						DHE NIGGE OF THY LIDRO WHO	1912	-				
8					es			IND.				
9						-						
10						-LA	ORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan

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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 compressive strength

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



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**ORIGINAL** 

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> 3830 Dr. Yousaf

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt.) Ltd. 10-Q, Gulberg-II, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 9780
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 IHPL/Con/883
 Dated:
 31/8/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4000 Psi	4	8	2022	6Diax12		13.8	28.28	90	7129		Non Engraved
2	4000 Psi	4	8	2022	6Diax12		14	28.28	63	4990		Non Engraved
3	4000 Psi	4	8	2022	6Diax12		13.6	28.28	71	5624		Non Engraved
4												
5					/	GINE	RINE					
6						READW						
7						DHE NIGGE OF THY LIDRO WHO	197	<b>H</b> -				
8					SS			IND				
9						-						
10						-LA	ORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan

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> 3830 Dr. Yousaf

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt.) Ltd. 10-Q, Gulberg-II, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 9781
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 IHPL/Con/882
 Dated:
 31/8/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-09-22 Tested on: 12-09-22 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)	OII ( /6)	
1	5000 Psi	3	8	2022	6Diax12		13.8	28.28	81	6416		Non Engraved
2	5000 Psi	3	8	2022	6Diax12		14	28.28	81	6416		Non Engraved
3	5000 Psi	3	8	2022	6Diax12		14	28.28	82	6495		Non Engraved
4												
5					/	GINE	RING					
6						READIN	200					
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9						), <u> </u>						
10						"-LA	IORE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan

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> 3830 Dr. Yousaf

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt.) Ltd. 10-Q, Gulberg-II, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 9782
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 IHPL/Con/881
 Dated:
 31/8/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5000 Psi	2	8	2022	6Diax12		(Kg/ gills)	28.28	77	(psi) 6099		Non Engraved
2	5000 Psi	2	8	2022	6Diax12		14	28.28	74	5861		Non Engraved
3	5000 Psi	2	8	2022	6Diax12		13.6	28.28	78	6178		Non Engraved
4												
5						GINE	RINE					
6						TREADIN		<b>X</b>				
7						DE THY LIDED WHO	- N	<b>=</b>				
8						رقتال	S. ord	<b>3</b> –				
9								<b>7</b>				
10						-LA	IORE					
11												
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan

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> 3830 Dr. Yousaf

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt.) Ltd. 10-Q, Gulberg-II, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 9783
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 IHPL/Con/880
 Dated:
 31/8/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4000 Psi	2	8	2022	6Diax12		13.8	28.28	71	5624		Non Engraved
2	4000 Psi	2	8	2022	6Diax12		14	28.28	79	6257		Non Engraved
3	4000 Psi	2	8	2022	6Diax12		14	28.28	74	5861		Non Engraved
4												
5					/	GINE	RIATE					
6						READW						
7						DHE NAME OF THY LIDRO WHO	-E					
8					S			ONI 				
9								<b>7</b>				
10						"-LA	IORE.					
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14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan

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

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> 3830 Dr. Yousaf

To: Mr. Muhammad Shahbaz

Imperium Hospitality (Pvt.) Ltd. 10-Q, Gulberg-II, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 9784
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 IHPL/Con/879
 Dated:
 31/8/2022
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	1	8	2022	6Diax12		13.4	28.28	67	5307		Non Engraved
2	4000 Psi	1	8	2022	6Diax12		14.2	28.28	84	6653		Non Engraved
3	4000 Psi	1	8	2022	6Diax12		14.2	28.28	85	6733		Non Engraved
4												
5					/	GINE	RIAVE					
6						READIN	200					
7						DHE NAME OF THY LIDRO WHO	- E / -	-				
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10					<	-LA	IORE .					
11										-		
12												
13												
14												
15												
16												

Witnessed by: Engr. Rafi Ullah Bajwa & Engr. Ali Hasnain Khan

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

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



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

**ORIGINAL** 

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3856 Dr. Umbreen

To: Mr. Muhammad Sohail Anjum

Project Manager, MS Tower Developers, G4 Lahore

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

Our Ref. No. CL/CED/ 9785 Dated: 12-09-22

Your Ref. No. MST/UET/2022/C-051 Dated: 07-09-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 09-09-22 Tested on: 12-09-22 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	65 (5000 Psi)	4	8	2022	6Diax12		14.2	28.28	65	5149		Non Engraved
2	70 (5000 Psi)	4	8	2022	6Diax12		14	28.28	67	5307		Non Engraved
3												
4												
5					/	GEINE	RINE					
6						READIN	Salar V					
7						DHE NAME OF THY LIDRO WHO	JE	<u> </u>				
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11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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

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

> 3856 Dr. Umbreen

To: Mr. Muhammad Sohail Anjum

Project Manager, MS Tower Developers, G4 Lahore

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

Our Ref. No. CL/CED/ 9786 Dated: 12-09-22 <u>Test Specification</u>

Your Ref. No. MST/UET/2022/C-050 Dated: 07-09-22

### **COMPRESSION TEST REPORT**

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

Specimens received on: 09-09-22 Tested on: 12-09-22 in dry/wet condition



( ASTM C39 )



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	60 (3000 Psi)	2	8	2022	6Diax12		13.4	28.28	63	4990		Non Engraved
2	64 (3000 Psi)	2	8	2022	6Diax12		13	28.28	63	4990		Non Engraved
3												
4												
5					/	GINE	RINE					
6						READW						
7						DE NAME OF THY LIDRO WHO	-E					
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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.

3847 Dr. Umbreen

To: Resident Engineer (Civil)

MASCON Associates (Pvt) Ltd. (HA Consulting.)

Project: Establishment of Model Bazar Head Office Building

Our Ref. No. CL/CED/ 9787 Dated: 12-09-22 <u>Test Specification</u>

Your Ref. No. MAC-HAC/22/PMBMC/LT/013 Dated: 06-09-22 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 08-09-22 Tested on: 12-09-22 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)	OII (70)	
1	Retaining Wall 4th Pour (3000 Psi)	30	8	2022	6Diax12		13	28.28	47	3723		Non Engraved
2	Retaining Wall 4th Pour (3000 Psi)	30	8	2022	6Diax12		13	28.28	47	3723		Non Engraved
3	Retaining Wall 4th Pour (3000 Psi)	30	8	2022	6Diax12		13	28.28	43	3406		Non Engraved
4												
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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

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

3810 Dr. Umbreen

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

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

**Project: Construction of Gulberg City Centre, Lahore** 

 Our Ref. No. CL/CED/
 9788
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 OCC/UET/08
 Dated:
 01-09-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 01-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		29	7	2022	6Diax12		13.4	28.28	75	5941		Engraved
2		29	7	2022	6Diax12		13.4	28.28	73	5782		Engraved
3												
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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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- 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.

3810 Dr. Umbreen

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

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

**Project: Construction of Gulberg City Centre, Lahore** 

 Our Ref. No. CL/CED/
 9789
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 OCC/UET/07
 Dated:
 01-09-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 01-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		30	6	2022	6Diax12		14	28.28	65	5149		Non Engraved
2		30	6	2022	6Diax12		13.2	28.28	73	5782		Non Engraved
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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

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3810 Dr. Umbreen

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

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

**Project: Construction of Gulberg City Centre, Lahore** 

 Our Ref. No. CL/CED/
 9790
 Dated:
 12-09-22
 Test Specification

 Your Ref. No.
 OCC/UET/06
 Dated:
 01-09-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 01-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		23	6	2022	6Diax12		13.8	28.28	59	4673		Non Engraved
2		23	6	2022	6Diax12		13.4	28.28	61	4832		Non Engraved
3												
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5						RILLE	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.

3838 Dr. Umbreen

To: Mr. Muhammad Asif, Site Administrator

Bismillah Housing Society, Phaase-II, main Ferozepur Road, Mustafabad (Laliani), Lahore

Project: Nil

Our Ref. No. CL/CED/ 9791

Dated: 12-09-22

**Test Specification** 

Your Ref. No. Nil

Dated: 05-09-22

( ASTM C39 )

### COMPRESSION TEST REPORT

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

Specimens received on: 06-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	P-66 1st Floor Slab(3000 Psi)	30	6	2022	6Diax12		13.2	28.28	53	4198		Non Engraved
2	P-66 1st Floor Slab(3000 Psi)	30	6	2022	6Diax12		14	28.28	57	4515		Non Engraved
3												
4												
5					/	RIME	RING					
6						READIN	200					
7						DHE NIME OF THY LIDRO WHO	- F	量-				
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14												
15												
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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** 

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

3838 Dr. Umbreen

To: Mr. Muhammad Asif, Site Administrator

Bismillah Housing Society, Phaase-II, main Ferozepur Road, Mustafabad (Laliani), Lahore

Project: Nil

Our Ref. No. CL/CED/ 9792

Dated: 12-09-22 **Test Specification** 

Your Ref. No.

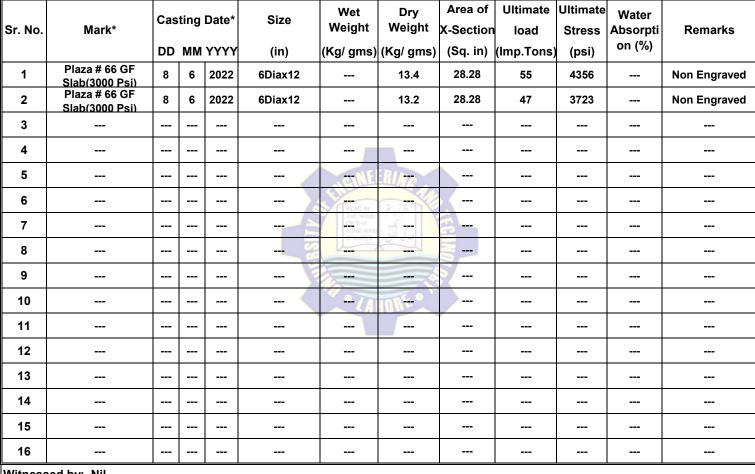
Dated: 05-09-22

(ASTM C39)

### COMPRESSION TEST REPORT

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

Specimens received on: 06-09-22 Tested on: 12-09-22 in dry/wet condition



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.



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.

3838 Dr. Umbreen

To: Mr. Muhammad Asif, Site Administrator

Bismillah Housing Society, Phaase-II, main Ferozepur Road, Mustafabad (Laliani), Lahore

Project: Nil

Our Ref. No. CL/CED/ 9793

Dated: 12-09-22

**Test Specification** 

Your Ref. No. Nil

Dated: 05-09-22

( ASTM C39 )

### COMPRESSION TEST REPORT

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

Specimens received on: 06-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft(3000 Psi)	13	6	2022	6Diax12		13.2	28.28	53	4198		Non Engraved
2	Raft(3000 Psi)	13	6	2022	6Diax12		13.4	28.28	47	3723		Non Engraved
3												
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5					/	RIVE	RINE					
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Witnessed by: Nil

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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.

3838 Dr. Umbreen

To: Mr. Muhammad Asif, Site Administrator

Bismillah Housing Society, Phaase-II, main Ferozepur Road, Mustafabad (Laliani), Lahore

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 9794

Dated: 12-09-22

**Test Specification** 

Dated: 05-09-22

( ASTM C39 )

### COMPRESSION TEST REPORT

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

Specimens received on: 06-09-22 Tested on: 12-09-22 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	Plaza#66 FF Col.(4000 Psi)	20	6	2022	6Diax12		13.4	28.28	59	4673		Non Engraved
2	Plaza#66 FF Col.(4000 Psi)	20	6	2022	6Diax12		13	28.28	55	4356		Non Engraved
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4												
5					-	TETME	RIATE					
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Witness	sed by: Nil				<del></del>	<u>-</u>			<del></del>			

Witnessed by: Nil

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

**ORIGINAL** 

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3838 Dr. Umbreen

To: Mr. Muhammad Asif, Site Administrator

Bismillah Housing Society, Phaase-II, main Ferozepur Road, Mustafabad (Laliani), Lahore

Project: Nil

Our Ref. No. CL/CED/ 9795

Dated: 12-09-22

**Test Specification** 

Your Ref. No. Nil

Dated:

05-09-22

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 06-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Masjid, Beam (3000 Psi)	20	6	2022	6Diax12		13	28.28	83	6574		Non Engraved
2	Masjid, Beam (3000 Psi)	20	6	2022	6Diax12		13.4	28.28	55	4356		Non Engraved
3												
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5					/	GINE	RIATE					
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Witnessed by: Nil

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

To: Mr. Muhammad Asif, Site Administrator

Bismillah Housing Society, Phaase-II, main Ferozepur Road, Mustafabad (Laliani), Lahore

Project: Nil

 Our Ref. No. CL/CED/
 9796
 Dated:
 12-09-22

 Your Ref. No.
 Nil
 Dated:
 05-09-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 06-09-22 Tested on: 12-09-22 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
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)
1	Raft Minaret (3000 Psi)	1	7	2022	6Diax12		13.2	28.28	53	4198	
2	Raft Minaret (3000 Psi)	1	7	2022	6Diax12		13	28.28	49	3881	
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5					Chiles	HILE SECTION				-	
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10					ZAH						
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16											

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.

Supervisor (Lab)



Director/Dy. Director Concrete Laborat

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

3838

Dr. Umbreen

#### Test Specification

( ASTM C39 )





Remarks Non Engraved Non Engraved







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.

3838 Dr. Umbreen

To: Mr. Muhammad Asif, Site Administrator

Bismillah Housing Society, Phaase-II, main Ferozepur Road, Mustafabad (Laliani), Lahore

Project: Nil

Our Ref. No. CL/CED/ 9797

Dated: 12-09-22

**Test Specification** 

Your Ref. No. Nil

Dated: 05-09-22

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 06-09-22 Tested on: 12-09-22 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	Plaza#66 2nd F. Slab (3000 Psi)	31	7	2022	6Diax12		13.4	28.28	71	5624		Non Engraved
2	Plaza#66 2nd F. Slab (3000 Psi)	31	7	2022	6Diax12		13.8	28.28	65	5149		Non Engraved
3												
4												
5					/	RIVE	RING					
6						READIN	Salah C					
7						DHE NAME OF THY LORD VIYO	JE	<b>4</b>				
8					es							
9						<b>—</b>						
10					<	-LA	IORE.					
11												
12												
13												
14												
15												
16												
Witness	sed 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>

- 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.

3841 Dr. Umbreen

To: Major. Bilal Khan Yousafzai, Pakistan Rangers, (Punjab)

M/S Arc Construct 195 DD, CCA, Phase 4, DHA Lahore

Project: Construction of Headquarters Pakistan Rangers (Punjab), Ghazai Road, Lahore-33

Our Ref. No. CL/CED/ 9798 Dated: 12-09-22 <u>Test Specification</u>

Your Ref. No. 2231/Works/1332 Dated: 10-08-22 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 06-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*	Cas DD		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	RCC Slab	8	8	2022	6Diax12		14.4	28.28	63	4990		Engraved
2	RCC Slab	8	8	2022	6Diax12		14.2	28.28	59	4673		Engraved
3	RCC Slab	8	8	2022	6Diax12		14.4	28.28	59	4673		Engraved
4												
5					/	GINE	RINE					
6						READW	200					
7						DHE NIGGE OF THY LIDRO WHO	- St	-				
8					os			IND.				
9						_						
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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** 

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3823 Dr. Umbreen

To: Mr. Syed Abdul Jabbar, GM Engineering

Cotton Web Limited, Kamahan Attari Road, 16Km, off Ferozepur Road, Lahore

**Project: Construction of Recycling Plant** 

Our Ref. No. CL/CED/ 9799

Dated: 12-09-22

**Test Specification** 

Your Ref. No. Nil

Dated: 01-09-22

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 02-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	IVIIVI	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	(//	
	RCC Walls (4000 Psi)	19	7	2022	6Diax12		12	28.28	51	4040		Non-Engraved
	RCC Walls (4000 Psi)	19	7	2022	6Diax12		13	28.28	49	3881		Non-Engraved
3	RCC Walls (4000 Psi)	19	7	2022	6Diax12		13.2	28.28	49	3881		Non-Engraved
4												
5					/	GINE	RINE					
6					)	READ IN	205					
7						DHE NAME OF THY LIDRO WHO	- E	=				
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16												
\A/itmoog	and by Mil											

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.

3823 Dr. Umbreen

To: Mr. Syed Abdul Jabbar, GM Engineering

Cotton Web Limited, Kamahan Attari Road, 16Km, off Ferozepur Road, Lahore

**Project: Construction of New Office Building** 

Our Ref. No. CL/CED/ 9800

Dated: 12-09-22

Test Specification

Your Ref. No. Nil

Dated: 01-09-22

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 02-09-22 Tested on: 12-09-22 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	F.F Slab (3000 Psi)	23	8	2022	6Diax12		13.2	28.28	53	4198		Non-Engraved
2	F.F Slab (3000 Psi)	23	8	2022	6Diax12		13.4	28.28	53	4198		Non-Engraved
3	F.F Slab (3000 Psi)	23	8	2022	6Diax12		13	28.28	55	4356		Non-Engraved
4												
5					/	GINE	RINE					
6						READIN	200					
7						DE NIGE OF THY LORD WHO	- E - C - C - C - C - C - C - C - C - C	-				
8					co	رشيا		<b>8</b> -				
9						), <u>-</u>	- 6					
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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)
- 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.

3823 Dr. Umbreen

To: Mr. Syed Abdul Jabbar, GM Engineering

Cotton Web Limited, Kamahan Attari Road, 16Km, off Ferozepur Road, Lahore

**Project: Construction of New Office Building** 

Our Ref. No. CL/CED/ 9801

Dated: 12-09-22

Test Specification
( ASTM C39 )

Your Ref. No. Nil Dated: 01-09-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 02-09-22 Tested on: 12-09-22 in dry/wet condition





Mark*	Casting Date*			Size	Wet Weight			load	Stress	Absorpti	Remarks
F F O - L (4000 P - i)											Non Formand
F.F COI (4000 PSI)	26	′	2022	6DIAX12		14	20.20	63	4990		Non-Engraved
F.F Col (4000 Psi)	26	7	2022	6Diax12		13.4	28.28	65	5149		Non-Engraved
F.F Col (4000 Psi)	26	7	2022	6Diax12		13.4	28.28	73	5782		Non-Engraved
					CIME	RIATE					
					READW	200					
					DHE NIGGE OF THY LIDRO WHO	140	EFF -				
				es							
						72					
					-LA	ORE					
	F.F Col (4000 Psi) F.F Col (4000 Psi) F.F Col (4000 Psi)	Mark* DD F.F Col (4000 Psi) 26 F.F Col (4000 Psi) 26 F.F Col (4000 Psi) 26	Mark* DD MM  F.F Col (4000 Psi) 26 7  F.F Col (4000 Psi) 26 7  F.F Col (4000 Psi) 26 7	Mark* DD MM YYYY  F.F Col (4000 Psi) 26 7 2022  F.F Col (4000 Psi) 26 7 2022  F.F Col (4000 Psi) 26 7 2022	Mark* DD MM YYYY (in)  F.F Col (4000 Psi) 26 7 2022 6Diax12  F.F Col (4000 Psi) 26 7 2022 6Diax12  F.F Col (4000 Psi) 26 7 2022 6Diax12	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD MM YYYY   (in)   (Kg/ gms)   (Kg/ gms)   F.F Col (4000 Psi)   26   7   2022   6Diax12     14   F.F Col (4000 Psi)   26   7   2022   6Diax12     13.4   F.F Col (4000 Psi)   26   7   2022   6Diax12     13.4	Mark*	Mark*   Casting Date*   Size   Weight   Weight   Weight   X-Section   load   (Imp.Tons)	Mark*   Casting Date*   Size   Weight   Weight   X-Section   load   Stress   (Kg/gms)   (Imp.Tons)   (psi)   (psi)   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   65   5149   F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   6Diax12     13.4   28.28   73   5782   (F.F.Col (4000 Psi)   26   7   2022   2	Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in)         load (Imp.Tons)         Stress (psi)         Absorption (%)           F.F Col (4000 Psi)         26         7         2022         6Diax12          14         28.28         63         4990            F.F Col (4000 Psi)         26         7         2022         6Diax12          13.4         28.28         65         5149            F.F Col (4000 Psi)         26         7         2022         6Diax12          13.4         28.28         73         5782 <td< td=""></td<>

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.

3850 Dr. Umbreen

To: Mr. Ahmed Ejaz, Quantity Surveyor

Our Ref. No. CL/CED/ 9802

M/S Linker, 55-C/1 (A), Gulberg III, Lahore

Project: Construction of Hassan & Huma Residence- DHA Phase VIII, Sector-A, Lahore

...,

Your Ref. No. LD/H&H/445-A/C-01 Dated: 07-09-22

Dated:

12-09-22

**Test Specification** 

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 09-09-22 Tested on: 12-09-22 in dry/wet condition





Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Basement Raft (4000 Psi)	26	8	2022	6Diax12		13	28.28	41	3248		Non-Engraved
2												
3												
4												
5					/	GINE	RING					
6						READIN	200					
7						DHE NAME OF THY LIGHT WHO	JE					
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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 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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