

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.

> 8948 Dr. Umbreen

**Test Specification** 

To: Mr. Muzaffar Ahmed

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component).

(Construction of Guest House) Our Ref. No. CL/CED/ 7541

Dated: 27/02/2025

Your Ref. No. G3/UON-RE/696 18/02/2025 ( ASTM C39 ) Dated:

### **COMPRESSION TEST REPORT**

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

19/02/2025 Tested on: 27/02/2025 Specimens received on: 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	Mumty Column (4000 Psi)	11	12	2024	6Diax12		14	28.28	46	3644		Engraved
2	Mumty Column (4000 Psi)	11	12	2024	6Diax12		14	28.28	50	3960		Engraved
3												
4												
5						GINE	RINE					
6						READ IN	200			1		
7						THE NAME OF THY LORD WHO	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	<b>3</b>				
8												
9								<b>5</b> /				
10						"- /A	ORE					
11						-						
12										1		
13												
14												
15												
16										-		

Witnessed by: Nil

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

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

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



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

**ORIGINAL** 

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

> 8948 Dr. Umbreen

To: Mr. Muzaffar Ahmed

Your Ref. No.

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

G3/UON-RE/697

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component).

(Construction of Grade 18,19 House # 01)

Our Ref. No. CL/CED/ 7542

27/02/2025

**Test Specification** 

Dated:

Dated:

18/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/02/2025 Tested on: 27/02/2025 in dry/wet condition



Sr. No. Mark*		Casting 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 (%)	
First Floor Roof Slab (3000 Psi)	7	12	2024	6Diax12		13.6	28.28	36	2851		Engraved
First Floor Roof Slab (3000 Psi)	7	12	2024	6Diax12		13.8	28.28	34	2693		Engraved
					CINE	RINE					
					READ IN	200			-		
					THE NAME OF THY LORD WHO		100		-		
				82			Ha				
							<b></b> -				
					LA	ORE					
									-		
									-		
	First Floor Roof Slab (3000 Psi) First Floor Roof Slab (3000 Psi)	Mark* DD First Floor Roof Slab (3000 Psi) First Floor Roof Slab (3000 Psi)	Mark*  DD MM  First Floor Roof Slab (3000 Psi)  First Floor Roof Slab (3000 Psi)	Mark*    DD   MM   YYYY	Mark*  DD MM YYYY  (in)  First Floor Roof Slab (3000 Psi)  First Floor Roof Slab (3000 Psi)	Mark*   DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*         Casting Date*         Size         Weight         Weight         X-Section           First Floor Roof Slab (3000 Psi)         7         12         2024         6Diax12          13.6         28.28           First Floor Roof Slab (3000 Psi)         7         12         2024         6Diax12          13.8         28.28 <td< td=""><td>Mark*   DD   MM YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)    </td><td>Mark*</td><td>  Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Casting Date*   DD   MM YYYY   (in)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Sq. in)   (Imp.Tons)   (psi)   On (%)   (Sq. in)   (Imp.Tons)   (Imp.Tons)   (psi)   On (%)   (Sq. in)   (Imp.Tons)   (Im</td></td<>	Mark*   DD   MM YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)	Mark*	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Casting Date*   DD   MM YYYY   (in)   (Kg/gms)   (Kg/gms)   (Kg/gms)   (Sq. in)   (Imp.Tons)   (psi)   On (%)   (Sq. in)   (Imp.Tons)   (Imp.Tons)   (psi)   On (%)   (Sq. in)   (Imp.Tons)   (Im

Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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.

> 8948 Dr. Umbreen

To: Mr. Muzaffar Ahmed

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component).

(Construction of Grade 18,19 House # 04)

Our Ref. No. CL/CED/ 7543

Dated: 27/02/2025

Dated:

**Test Specification** 

Your Ref. No. G3/UON-RE/698

18/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/02/2025 Tested on: 27/02/2025 in dry/wet condition



Sr. No. Mark*		Casting Date*		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	First Floor Roof Slab (3000 Psi)	5	1	2025	6Diax12		14	28.28	59	4673		Engraved
2	First Floor Roof Slab (3000 Psi)	5	1	2025	6Diax12		14.6	28.28	50	3960		Engraved
3												
4							-			1		
5						RINE	RINZ			1		
6						READ IN	2001					
7						THE NAME OF THY LORD WHO	( <u></u> ( <del>)</del>					
8					80		<u> </u>	Ha				
9								<b></b> -				
10						LA	ORE					
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 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.

> 8948 Dr. Umbreen

To: Mr. Muzaffar Ahmed

Your Ref. No.

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

G3/UON-RE/699

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component).

(Construction of Grade 18,19 House # 05)

Our Ref. No. CL/CED/ 7544

Dated: 27/02/2025

Test Specification
( ASTM C39 )

Dated: 18/02/2025

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/02/2025 Tested on: 27/02/2025 in dry/wet condition



on (%)	Engraved Engraved
	Engraved
	_

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 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.

> 8948 Dr. Umbreen

To: Mr. Muzaffar Ahmed

Your Ref. No.

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

G3/UON-RE/700

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component).

(Construction of Male Faculty Hostel)

Our Ref. No. CL/CED/ 7545

Dated: 27/02/2025

Test Specification
( ASTM C39 )

Dated: 18/02/2025

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/02/2025 Tested on: 27/02/2025 in dry/wet condition



r. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
2nd Floor Roof Slab (3000 Psi)	28	11	2024	6Diax12		14	28.28	44	3485		Engraved
First Floor Roof Slab (3000 Psi)	28	11	2024	6Diax12		14	28.28	72	5703		Engraved
					CINE	RINE					
					READ IN	21011					
					THE NAME OF THY LORD WHO	<u>۲</u> رغب	156				
	-			82			Ha .				
	-										
	-	ł			LA	ORE					
		-			-				-		
		-							-		
	-	ł									
		ł									
	Slab (3000 Psi) First Floor Roof Slab (3000 Psi)	2nd Floor Roof Slab (3000 Psi)  First Floor Roof Slab (3000 Psi)	2nd Floor Roof Slab (3000 Psi)  First Floor Roof Slab (3000 Psi)	2nd Floor Roof Slab (3000 Psi)       28       11       2024         First Floor Roof Slab (3000 Psi)       28       11       2024   <	2nd Floor Roof Slab (3000 Psi)         28         11         2024         6Diax12           First Floor Roof Slab (3000 Psi)         28         11         2024         6Diax12	2nd Floor Roof Slab (3000 Psi)  First Floor Roof Slab (3000 Psi)	2nd Floor Roof Slab (3000 Psi)  First Floor Roof Slab (3000 Psi)  28 11 2024 6Diax12 14	2nd Floor Roof   Slab (3000 Psi)   28	2nd Floor Roof   Slab (3000 Psi)   28	2nd Floor Roof Slab (3000 Psi)         28         11         2024         6Diax12          14         28.28         44         3485           First Floor Roof Slab (3000 Psi)         28         11         2024         6Diax12          14         28.28         72         5703	2nd Floor Roof Slab (3000 Psi)         28         11         2024         6Diax12

Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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.

> 8948 Dr. Umbreen

To: Mr. Muzaffar Ahmed

Your Ref. No.

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Strengthening & Expansion of University of Gujrat & Allied Campuses (Narowal Component).

(Construction of Female Faculty Hostel). (Portion A)

G3/UON-RE/701

Our Ref. No. CL/CED/ 7546

Dated: 27/02/2025

**Test Specification** 

Dated: 18/02/2025

( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/02/2025 Tested on: 27/02/2025 in dry/wet condition



r. No. Mark*		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 (%)			
(4000 Psi)	9	1	2025	6Diax12		13.8	28.28	48	3802		Engraved		
2nd Floor Column (4000 Psi)	9	1	2025	6Diax12		13.6	28.28	48	3802		Engraved		
		H		1		-			1				
		H		-	GINE	RINE			1				
		H			READ IN	200			1				
					THE NAME OF THY LORD WHO	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	<b>3</b>						
				88			Ha						
							<b></b> -						
					-LA	ORE							
	2nd Floor Column (4000 Psi) 2nd Floor Column (4000 Psi)	Mark* DD  2nd Floor Column (4000 Psi) 2nd Floor Column (4000 Psi)	Mark*  DD MM  2nd Floor Column (4000 Psi)  2nd Floor Column (4000 Psi)	2nd Floor Column (4000 Psi) 2nd Floor Column (4000 Psi)	Mark*  DD MM YYYY  (in)  2nd Floor Column (4000 Psi)  2nd Floor Column (4000 Psi)  9 1 2025 6Diax12	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*    Casting Date*   Size   Weight   Weight   Weight   X-Section	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)	Mark*	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   X-Section   load   Stress   Absorption (%)		

Witnessed by: Nil

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$ 

- 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.

8998 Engr. Usman Ali

To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore (12th Floor Shear wall J~M/1~2 & Columns C,E,F/4

& P,C A'~G/1~4')

Our Ref. No. CL/CED/ 7547 Dated: 27/02/2025 <u>Test Specification</u>

Your Ref. No. HMBDPL/S.O/02/25/175 (LHR) Dated: 27/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 27/02/2025 Tested on: 27/02/2025 in dry/wet condition



Sr. No.	Mark*		_	Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	CT-187 (5000 Psi)	30	1	2025	6Diax12		14.2	28.28	70	5545		Non Engraved
2	CT-187 (5000 Psi)	30	1	2025	6Diax12		14	28.28	83	6574		Non Engraved
3	CT-187 (5000 Psi)	30	1	2025	6Diax12		14.4	28.28	74	5861		Non Engraved
4												
5						GINE	RINE					
6						T KEAD IN	District Control					
7						THE NAME OF THY LORD WHO	<u></u>	<b>=</b>				
8					- 00	JOILAILS		<b>5</b> _				
9						7,-		5/				
10						LAI	IOR					
11												
12												
13												
14												
15												
16			I							-		

Witnessed by: Mr. Aftab, HMBD, CNIC # 33103-0209597-3

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.