

**Civil Engineering Department** 

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

7556 Dr. Rizwan Azam

#### To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd.

Project: Construction of Commercial Tower, FTC Lahore.

Our Ref. No. CL/CED/ 5536

Your Ref. No. HMBDPL/S.O/08/24/121 (LHR)

## COMPRESSION TEST REPORT



**Test Specification** 

(BS 3921\*\*)

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

Specim	ens received on:	0	6-08	-24	Tested on:	15-0	08-24	in dry/we	t condition			ONLINE REPORT
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	005				8.8 x 4.2 x 3	(Kg/ gills) 3530	(Kg/ gills) 3160	36.96	(IIIIp. 10115) 42	(psi) 2545	11.71	
2	005				8.6 x 4.1 x 2.9	3580	3225	35.26	48	3049	11.01	
3	005				8.6 x 4 x 3	3600	3310	34.4	46	2995	8.76	
4	005				8.8 x 4.1 x 3	3630	3285	36.08	44	2732	10.5	
5	005				8.5 x 4 x 3	3550	3220	34	44	2899	10.25	
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Dated:

Dated:

15-08-24

05-08-24

#### witnessea 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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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7616 Dr. Umbreen

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/CED/ 5537	Dated:	15-08-24	Test Specification
Your Ref. No. IBS/LBS-UOL/01	Dated:	12-08-24	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	1	5-08	-24	Tested on:	15-0	8-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Retaining Wall (4000 Psi)	29	6	2024	6Diax12		13	28.28	66	5228		Non Engraved
2	Retaining Wall (4000 Psi)	29	6	2024	6Diax12		13.6	28.28	83	6574		Non Engraved
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Witness	ed by: Nil					•		•	•			

#### witnessea 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

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7616 Dr. Umbreen

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/CED/ 5538	Dated:	15-08-24	Test Specification
Your Ref. No. IBS/LBS-UOL/01	Dated:	12-08-24	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	1	5-08	-24	Tested on:	15-0	)8-24	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Retaining Wall (4000 Psi)	29	6	2024	6Diax12		14	28.28	56	4436		Non Engraved
2	Retaining Wall (4000 Psi)	29	6	2024	6Diax12		13.4	28.28	64	5069		Non Engraved
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Witness	ed by: Nil	•	-				•		•	•		

#### witnessea by: Nii

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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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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7616 Dr. Umbreen

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/CED/ 5539	Dated:	15-08-24	Test Specification
Your Ref. No. IBS/LBS-UOL/01	Dated:	12-08-24	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specime	ens received on:	received on: 15-08-24 Tested on: 15-08-24 in dry/wet condition		ONLINE REPORT								
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Retaining Wall (4000 Psi)	2	7	2024	6Diax12		13.2	28.28	70	5545		Non Engraved
2	Retaining Wall (4000 Psi)	2	7	2024	6Diax12		13.6	28.28	68	5386		Non Engraved
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Witness	ed by: Nil						•	•	•			

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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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



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

7616 Dr. Umbreen

To: Mr. Khalid Bashir

Ittefaq Building Solutions Pvt. Ltd.

Project: Construction of Allied Bank Building 185-CC4 DHA T Sector Phase-7, Lahore.

Our Ref. No. CL/C	ED/ 5540	Dated:	15-08-24	Test Specification
Your Ref. No.	IBS/LBS-UOL/01	Dated:	12-08-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	ved on: 15-08-24 Tested on: 15-08-24 in dry/wet condition		ONLINE REPORT								
Sr. No.	Mark*	Cas DD	_	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Retaining Wall (4000 Psi)	2	7	2024	6Diax12		14	28.28	58	4594		Non Engraved
2	Retaining Wall (4000 Psi)	2	7	2024	6Diax12		13	28.28	68	5386		Non Engraved
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Witness	ed by: Nil											

#### 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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



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

7594 Dr. Umbreen

To: Ittefaq Building Solutions (Pvt.) Ltd. 189,190, Commercial Area , Airline Society, Khiyaban-e-Jinnah Lahore.

Project: Construction of Learning Alliance School (Grid 01,06,07 Line D to G, Grid 01 to 07 Line D1, E, F1, G)

Our Ref. No. CL/CED/ 5541	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	12-08-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specimens received on: 12-08-24 Tested on: 15-08-24			in dry/wet condition				ONLINE REPORT					
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Slab Beams (3000 Psi)	28	7	2024	6Diax12		14	28.28	40	3168		Non Engraved
2	Slab Beams (3000 Psi)	28	7	2024	6Diax12		13	28.28	34	2693		Non Engraved
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Witness	ed by: Nil	•		•		•		•	•			

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

1. \* as engraved on the specimens (if any)

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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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7594 Dr. Umbreen

To:	Ittefaq Building Solutions (Pvt.) Ltd.
	189,190, Commercial Area , Airline Society, Khiyaban-e-Jinnah Lahore.

Project: Construction of Learning Alliance School (Cafeteria Part (B))

Our Ref. No. CL/CED/ 5542	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	12-08-24	(ASTM C39)

### COMPRESSION TEST REPORT



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

Specimens received on: 12-08-24 Tested on: 15-08-24 in dry/wet condition								ONLINE REPORT				
Sr. No.	Mark*	Cas DD	•	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Roof Slab Screeding (3k Psi)	28	7	2024	6Diax12	(rtg/ giiis) 	(rtg/ gills) 13	28.28	24	(psi) 1901		Non Engraved
2	Roof Slab Screeding (3k Psi)	28	7	2024	6Diax12		14	28.28	38	3010		Non Engraved
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Witness	sed 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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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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7594 Dr. Umbreen

To:	Ittefaq Building Solutions (Pvt.) Ltd.
	189,190, Commercial Area , Airline Society, Khiyaban-e-Jinnah Lahore.

Project: Construction of Learning Alliance School (Cafeteria Part (A))

Our Ref. No. CL/CED/ 5543	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	12-08-24	(ASTM C39)

### COMPRESSION TEST REPORT



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

Specim	cimens received on: 12-08-24 Tested on: 15-08-24 in dry/wet condition							ONLINE REPORT				
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Roof Slab Screeding (3k Psi)	30	7	2024	6Diax12	(rtg/ gills) 	(rtg/ gills) 14	28.28	(imp.rons) 36	(psi) 2851		Non Engraved
2	Roof Slab Screeding (3k Psi)	30	7	2024	6Diax12		13.6	28.28	32	2535		Non Engraved
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Witness	sed by: Nil											

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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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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)



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

7594 Dr. Umbreen

To: Ittefaq Building Solutions (Pvt.) Ltd. 189,190, Commercial Area , Airline Society, Khiyaban-e-Jinnah Lahore.

Project: Construction of Learning Alliance School (Grid 01, 06, 07 Line A to D, Grid 01 to 07 Line A1, C, C1,D)

Our Ref. No. CL/CED/ 5544	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	12-08-24	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specime	ens received on:	1	2-08	-24	Tested on:	15-0	8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Slab Beams (3000 Psi)	1	8	2024	6Diax12		14	28.28	34	2693		Non Engraved
2	Slab Beams (3000 Psi)	1	8	2024	6Diax12		13	28.28	28	2218		Non Engraved
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Witness	ed by: Nil					•			•			

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

1. \* as engraved on the specimens (if any)

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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.

> 7564 Dr. Umbreen

To: Mr. Saeed Ahmad

ARE PCP Package-V, MMP/AiD Consultants. (MM Pakistan Pvt. Ltd.)

Project: Comprehensive Sewerage System in Khanewal City Rs. 967.90 Million under Punjab Cities Program. (M/S AI Shan Construction Company) Our Ref. No. CL/CED/ 5545 Dated: 15-08-24 Dated: 11-07-24

Your Ref. No. PCP/KWL-141/2024

## COMPRESSION TEST REPORT



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	0	7-08	-24	Tested on:	15-0	)8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:2:4)	11	6	2024	6Diax12		13	28.28	40	3168		Engraved
2	(1:2:4)	11	6	2024	6Diax12		13.2	28.28	62	4911		Engraved
3	(1:2:4)	11	6	2024	6Diax12		12.6	28.28	60	4752		Engraved
4	(1:2:4)	12	6	2024	6Diax12		13.4	28.28	34	2693		Engraved
5	(1:2:4)	12	6	2024	6Diax12	while	13.4	28.28	54	4277		Engraved
6	(1:2:4)	12	6	2024	6Diax12	READ IN	13	28.28	34	2693		Engraved
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Witness	sed 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



**Civil Engineering Department** 

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.

> 7613 Dr. Umbreen

#### To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident type Supervision of the Scheme Strengthening of University of Narowal. (IHS Building-Portion D) Our Ref. No. CL/CED/ 5546 Dated: 15-08-24 Your Ref. No. G3/237/RE/261 Dated: 30-07-24

## COMPRESSION TEST REPORT



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	1	3-08	-24	Tested on:	15-0	8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	GF Column (4000 Psi)	4	6	2024	6Diax12		13	28.28	46	3644		Engraved
2	GF Column (4000 Psi)	4	6	2024	6Diax12		14	28.28	54	4277		Engraved
3												
4												
5						NHINE	RING					
6					- 2	READ IN	2071					
7						OF THY CREATES	رتجب ال <del>ال</del> ى خلق ر	133				
8								5-				
9					5	25-		₹ <u></u>				
10					<		IORE.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil	•		•	•	•		•	•	•		

#### witnessea by: Nii

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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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.

> 7613 Dr. Umbreen

#### To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident type Supervision of the Scheme Strengthening of University of Narowal. (IHS Building-Portion B) Our Ref. No. CL/CED/ 5547 Dated: 15-08-24 Your Ref. No. G3/237/RE/257 Dated: 30-07-24

## **COMPRESSION TEST REPORT**



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	1	3-08	-24	Tested on:	15-0	8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	GF Column (4000 Psi)	29	4	2024	6Diax12		14.6	28.28	44	3485		Engraved
2	GF Column (4000 Psi)	29	4	2024	6Diax12		13.6	28.28	43	3406		Engraved
3												
4												
5						WHINE	RING					
6					>	READ IN	200					
7						OF THY GRO WHO OREATES	ر <del>بک</del> اند کی خلق ر	I FCH				
8					1							
9								<b>N</b>				
10					<	/ A	IORE					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

#### witnessea by: Nii

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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 7613 Dr. Umbreen

**Test Specification** 

(ASTM C39)

### To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

 Project: Consultancy Services for Master Planning Designing and Resident type Supervision of the Scheme Strengthening of University of Narowal. (IHS Building-Portion A)

 Our Ref. No. CL/CED/
 5548
 Dated:
 15-08-24

 Your Ref. No.
 G3/237/RE/258
 Dated:
 30-07-24

## **COMPRESSION TEST REPORT**



Specimens received on: 13-08-24 Tested on: 1					15-0	15-08-24 in dry/wet condition					ONLINE REPORT	
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	GF Column (4000 Psi)	30	4	2024	6Diax12		15	28.28	70	5545		Engraved
2	GF Column (4000 Psi)	30	4	2024	6Diax12		14	28.28	38	3010		Engraved
3												
4												
5					<	THE	RING					
6					>	READ IN	2071	<u> </u>				
7						OF THY BORD WHC CREATES	ریجب الد کی خلق ر	E				
8								5				
9					7			2				
10					<		IORE.					
11												
12												
13												
14												
15												
16												
Witnessed by: Nil												

#### 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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)



**Civil Engineering Department** 

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

7613 Dr. Umbreen

#### To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident type Supervision of the Scheme Strengthening of University of Narowal. (IHS Building) Our Ref. No. CL/CED/ 5549 Dated: 15-08-24 Your Ref. No. G3/237/RE/ Dated: 30-07-24

## **COMPRESSION TEST REPORT**



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	1	3-08	-24	Tested on:	15-0	)8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	_	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Plinth Beam (4000 Psi)	8	5	2024	6Diax12		13.4	28.28	46	3644		Engraved
2	Plinth Beam (4000 Psi)	8	5	2024	6Diax12		14	28.28	52	4119		Engraved
3												
4												
5						THINE	RING					
6						READ N	2071	<b></b>				
7						OF THY GORD WHC CREATES	زیجب الد فی خلق ر					
8					1							
9					7	2		₹				
10							IORE.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

#### witnessea by: Nii

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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



To:

## Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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.

> 7613 Dr. Umbreen

Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Plannings Designing and Resident type Supervision of the Scheme Strengthening of University of Narowal. (IHS Building, Portion C) Our Ref. No. CL/CED/ 5550 Dated: 15-08-24 **Test Specification** Your Ref. No. G3/237/RE/259 Dated: 30-07-24 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	1	3-08	-24	Tested on:	15-0	8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	GF Column (4000 Psi)	25	5	2024	6Diax12		13.2	28.28	54	4277		Engraved
2	GF Column (4000 Psi)	25	5	2024	6Diax12		13.4	28.28	44	3485		Engraved
3												
4												
5						NHINE	RING					
6					- 2	READ IN	2071					
7						OF THY CREATES	ز <del>ب</del> ک الد کی خلق ر	133				
8								5				
9					5	25-		₹ <u></u>				
10					<		IORE.					
11												
12												
13												
14												
15												
16												
Witnessed by: Nil												

#### witnessea by: Nii

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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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)



To:

## Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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.

> 7613 Dr. Umbreen

Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident type Supervision of the Scheme Strengthening of University of Narowal. (IHS Building, Portion B) Our Ref. No. CL/CED/ 5551 Dated: 15-08-24 Dated: 30-07-24

Your Ref. No. G3/237/RE/260

## COMPRESSION TEST REPORT



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	1	3-08	-24	Tested on:	15-0	8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	GF Roof Slab With Stairs (3 Ksi)	28	5	2024	6Diax12		14	28.28	68	5386		Engraved
2	GF Roof Slab With Stairs (3 Ksi)	28	5	2024	6Diax12		14	28.28	34	2693		Engraved
3												
4												
5						THINE	RINT					
6					- )	READ IN	2071	×				
7						OF THY -CRD WHO CREATES	ر <del>ب</del> ک ال <del>د</del> کی خلق ر					
8					188			5-				
9						2		~				
10					-		IORE					
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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



**Civil Engineering Department** 

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.

> 7613 Dr. Umbreen

To: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Consultancy Services for Master Planning Designing and Resident type Supervision of the Scheme Strengthening of University of Narowal. (IHS Building, Portion A) Our Ref. No. CL/CED/ 5552 Dated: 15-08-24 Dated: 30-07-24

Your Ref. No. G3/237/RE/262

## COMPRESSION TEST REPORT



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	1	3-08	-24	Tested on:	15-0	)8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	GF Roof Slab With Stairs (3 Ksi)	6	6	2024	6Diax12		13.4	28.28	36	2851		Engraved
2	GF Roof Slab With Stairs (3 Ksi)	6	6	2024	6Diax12		13	28.28	46	3644		Engraved
3												
4												
5						THINE	RING					
6					- )	READ IN	2071	×				
7						OF THY BORD WHO OREATES	زیجب الد فی خلق ر	103				
8					188							
9						20-						
10						/ A	IOR <sup>E</sup>					
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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.

Supervisor (Lab)



**Civil Engineering Department** 

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

7573 Dr. Umbreen

### To: Mr. Farrukh Jamal

Projects Manager, UNICON Consultig Services (Pvt.) Ltd.

Project: Construction of Bank of Punjab Building at C-Block, Model Town, Lahore.

Our Ref. No. CL/CED/ 5553	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	07-08-24	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	8-08	-24	Tested on:	15-0	8-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3750 Psi)	16	7	2024	6Diax12		13	28.28	43	3406		Engraved
2	(3750 Psi)	16	7	2024	6Diax12		13.2	28.28	36	2851		Engraved
3	(3750 Psi)	16	7	2024	6Diax12		13	28.28	40	3168		Engraved
4												
5					-	THNE	RING					
6						READ IN						
7						OF THY CORD WHO CREATES	زیجب اندکی خلق ر					
8					<u>s</u> w:					-		
9					H	-		~		-		
10					-	-IA	DR			-		
11												
12										-		
13												
14												
15												
16												
Witnessed by: Nil												

#### 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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

7573 Dr. Umbreen

### To: Mr. Farrukh Jamal

Projects Manager, UNICON Consultig Services (Pvt.) Ltd.

Project: Construction of Bank of Punjab Building at C-Block, Model Town, Lahore.

Our Ref. No. CL/CED/ 5554	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	07-08-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



Specim	ens received on:	0	8-08	-24	Tested on:	15-0	8-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(3750 Psi)	30	6	2024	6Diax12		13.6	28.28	62	4911		Non Engraved
2	(3750 Psi)	30	6	2024	6Diax12		13.6	28.28	56	4436		Non Engraved
3	(3750 Psi)	30	6	2024	6Diax12		13.4	28.28	64	5069		Non Engraved
4							-					
5					<	NETNE	RING					
6					)	READ IN	2000					
7						OF THY CORD WHO CREATES	ر <del>بک</del> اند کی خلق ر					
8					S.R. 1							
9						-		~				
10						-IA	IDR					
11												
12												
13												
14												
15												
16												
Witnessed by: Nil												

#### 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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

7573 Dr. Umbreen

### To: Mr. Farrukh Jamal

Projects Manager, UNICON Consultig Services (Pvt.) Ltd.

Project: Construction of Bank of Punjab Building at C-Block, Model Town, Lahore.

Our Ref. No. CL/CED/ 5555	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	07-08-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



Specim	ens received on:	0	8-08	-24	Tested on:	15-0	)8-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(2500 Psi)	30	6	2024	6Diax12		14	28.28	56	4436		Non Engraved
2	(2500 Psi)	30	6	2024	6Diax12		13.6	28.28	64	5069		Non Engraved
3	(2500 Psi)	30	6	2024	6Diax12		13.2	28.28	58	4594		Non Engraved
4						/						
5					<	NETNE	RING					
6					>	READ IN	2071					
7						OF THY GRO WHO OREATES	ریجب اندکی خلق ر					
8					S.R. 1							
9								~				
10					<		IOR <u>E</u>					
11												
12												
13												
14												
15												
16												
Witnessed by: Nil												

#### 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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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)



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



To: Mr. Muhammad Ehtesham Uddin

Project Manager, Optimedia Private Limited.

Project: Construction of Building at Ferozepur Road Lahore.

Our Ref. No. CL/CED/ 5556	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	05-08-24	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	6-08	-24	Tested on:	15-0	8-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	_	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		6	7	2024	6Diax12		12.4	28.28	43	3406		Non Engraved
2		6	7	2024	6Diax12		12.4	28.28	46	3644		Non Engraved
3		6	7	2024	6Diax12		12.4	28.28	42	3327		Non Engraved
4												
5					<	THE	RING					
6					/ 4	KEAU N	2071	<b>_</b>				
7						OF THY GORD WHC CREATES	زیجب الدی خلق ر					
8								NN.				
9					7			<b>N</b>				
10					<		IORE					
11												
12												
13												
14												
15												
16												
Witnessed by: Nil												

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 comprensive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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)



**Civil Engineering Department** 

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

7582 Dr. Umbreen

### To: Mr. Omair Sadiq

Project Manager, One Liberty Mall and H&S Hotel.

Project: Construction of One Liberty and H&S Hotel, Noor Jehan Road Gulberg III, Lahore.

Our Ref. No. CL/C	ED/ 5557-1 of 2	Dated:	15-08-24	Test Specification
Your Ref. No.	OL/OS/2024/16	Dated:	09-08-24	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

i Remarks	Water			in dry/wet condition								
	Absorpti on (%)	Ultimate Stress		Area of X-Section (Sq. in)		Wet Weight	Size	Date* YYYY	-	Cas	Mark*	Sr. No.
Non Engraved		(psi) 6733	(Imp. rons) 85	28.28	(Kg/ gms) 14	(Kg/ gms) 	(in) 6Diax12	2024	3	6		1
Non Engraved		6891	87	28.28	14.2		6Diax12	2024	3	8		2
Non Engraved		6653	84	28.28	13.4		6Diax12	2024	3	9		3
Non Engraved		6020	76	28.28	14		6Diax12	2024	3	16		4
Non Engraved		4119	52	28.28	ERI/14	THNE	6Diax12	2024	3	20		5
Non Engraved		5703	72	28.28	14	KEAU N	6Diax12	2024	3	23		6
Non Engraved		6020	76	28.28	14 الدعم الدي خلق ا	OF THY CORD WHO OREATES	6Diax12	2024	3	27		7
Non Engraved		6653	84	28.28	13.6		6Diax12	2024	3	28		8
Non Engraved		5941	75	28.28	13	10-	6Diax12	2024	4	2		9
Non Engraved		5861	74	28.28	13.6	(A	6Diax12	2024	4	18		10
Non Engraved		5069	64	28.28	13.2		6Diax12	2024	4	28		11
Non Engraved		6337	80	28.28	14		6Diax12	2024	5	1		12
Non Engraved		6020	76	28.28	14		6Diax12	2024	5	19		13
Non Engraved		5069	64	28.28	14.2		6Diax12	2024	5	21		14
Non Engraved		5545	70	28.28	14.2		6Diax12	2024	5	30		15
Non Engraved		5545	70	28.28	13.4		6Diax12	2024	6	7		16
	     	6020 6653 5941 5861 5069 6337 6020 5069 5545	76 84 75 74 64 80 76 64 70	28.28 28.28 28.28 28.28 28.28 28.28 28.28 28.28 28.28 28.28 28.28 28.28	14 13.6 13 13.6 13.2 14 14 14.2 14.2		6Diax12 6Diax12 6Diax12 6Diax12 6Diax12 6Diax12 6Diax12 6Diax12 6Diax12 6Diax12	2024 2024 2024 2024 2024 2024 2024 2024	3 3 4 4 4 5 5 5 5 5 5	27 28 2 18 28 1 28 1 19 21 30	       	7 8 9 10 11 12 13 14 15

Witnessed by: Mr. Yasir Iqbal

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

Note: Above results pertain to the unsealed samples supplied to the laboratory

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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7582 Dr. Umbreen

### To: Mr. Omair Sadiq

Project Manager, One Liberty Mall and H&S Hotel.

Project: Construction of One Liberty and H&S Hotel, Noor Jehan Road Gulberg III, Lahore.

Our Ref. No. CL/0	CED/ 5557-2 of 2	Dated:	15-08-24	Test Specification
Your Ref. No.	OL/OS/2024/16	Dated:	09-08-24	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specim	ens received on:	0	9-08	-24	Tested on:	15-0	8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		8	6	2024	6Diax12		13.6	28.28	60	4752		Non Engraved
2		29	6	2024	6Diax12		14	28.28	60	4752		Non Engraved
3		30	6	2024	6Diax12		14	28.28	62	4911		Non Engraved
4												
5					1	WHINE	RIA S					
6					-	READ N						
7						OF THY -CORD WHO OREATES	زیک۔ ان کی خلق ر					
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11												
12												
13												
14												
15												
16												
Witness	ed by: Mr. Yasir Io	ıbal										

Witnessed by: Mr. Yasir Iqbal

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

1. \* as engraved on the specimens (if any)

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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)



**Civil Engineering Department** 

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7593 Dr. Umbreen

To: Mr. Rameez

Resident Engineer, GIM Developers.

Project: Construction of Plaza at 51 Babar Block, New Garden Town Lahore.

Our Ref. No. CL/CED/ 5558	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	2-08	-24	Tested on:	15-0	8-24	in dry/we	in dry/wet condition			ONLINE REPORT
Sr. No.	Mark*	Cas	•	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft Foundation	10	7	2024	6Diax12		14	28.28	42	3327		Non Engraved
2	Raft Foundation	10	7	2024	6Diax12		13.6	28.28	40	3168		Non Engraved
3	Raft Foundation	10	7	2024	6Diax12		14	28.28	52	4119		Non Engraved
4	Raft Foundation	10	7	2024	6Diax12		13.6	28.28	21	1663		Non Engraved
5	Raft Foundation	10	7	2024	6Diax12	NHNE	12.6	28.28	22	1743		Non Engraved
6	Raft Foundation	10	7	2024	6Diax12	READIN	12.8	28.28	22	1743		Non Engraved
7	Raft Foundation	10	7	2024	6Diax12	OF THY 	14 على الم	28.28	56	4436		Non Engraved
8	Raft Foundation	10	7	2024	6Diax12		14.2	28.28	50	3960		Non Engraved
9							1	~				
10						LA	IDRL.					
11												
12												
13												
14												
15												
16												
Witness	ed by: Nil											

witnessea 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)

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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

7593 Dr. Umbreen

To: Mr. Rameez

Resident Engineer, GIM Developers.

Project: Construction of Plaza at 51 Babar Block, New Garden Town Lahore.

Our Ref. No. CL/CED/ 5559	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	1	2-08	-24	Tested on:	15-0	8-24	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft Foundation	10	7	2024	6x6x6		8.6	36	46	2862		Non Engraved
2	Raft Foundation	10	7	2024	6x6x6		9	36	56	3484		Non Engraved
3	Raft Foundation	10	7	2024	6x6x6		9	36	66	4107		Non Engraved
4	Raft Foundation	10	7	2024	6x6x6		9	36	64	3982		Non Engraved
5	Raft Foundation	10	7	2024	6x6x6	NHNE	R1/19;	36	44	2738		Non Engraved
6	Raft Foundation	10	7	2024	6x6x6 🔪	READ IN	9	36	54	3360		Non Engraved
7						OF THY HORD WHO OREATES	زیک اندنی خلق ر	191				
8								5				
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11												
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14												
15												
16												
Witness	ed by: Nil											

#### witnessea by: Nii

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

1. \* as engraved on the specimens (if any)

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

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Note: Above results pertain to the unsealed samples supplied to the laboratory

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.



**Civil Engineering Department** 

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



7597 Dr. Umbreen

#### To: Mr. Muhammad Tufail

Construction Team Leader, Lahore Office. Zor Engineers (Pvt.) Ltd.

Project: Construction of School Building-Hamdard Chowk, Lahore. New Hope Christian Ministries.

Our Ref. No. CL/	CED/ 5560	Dated:	15-08-24	Test Specification
Your Ref. No.	230.45.1/MT/	Dated:	12-08-24	( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specime	ens received on:	1	2-08	-24	Tested on:	15-0	08-24	in dry/wet	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	1st Floor Slab (1:2:4)	15	7	2024	6x6x6		8.6	36	44	2738		Engraved
2	1st Floor Slab (1:2:4)	15	7	2024	6x6x6		8.6	36	42	2613		Engraved
3												
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5						NHNE	RIN'S					
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Witness	ed by: Nil			•			•	•	•	•		

#### lithessea by: NI

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

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Supervisor (Lab)



**Civil Engineering Department** 

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

7604 Dr. Umbreen

To: Mr. Muhammad Ashraf Khan Principal Architect & CEO, ARC TECH Associates.

Project: Nil			
Our Ref. No. CL/CED/ 5561	Dated:	15-08-24	Test Specification
Your Ref. No. Nil	Dated:	12-08-24	( )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	3-08	-24	Tested on:	15-0	8-24	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Solid Block				12x8x8		26	96	26	607		
2	Solid Block				12x8x8		26.6	96	44	1027		
3	Solid Block				12x8x8		27	96	50	1167		
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5						THE	RING					
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7						OF THY HORD WHO OREATES	ز <u>ع</u> ۔ اندکی خلق ر					
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14												
15												
16												
Witness	ed by: Nil											

#### Witnessed by: Nil

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

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