

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.

> 8821 Dr. Aqsa

**Test Specification** 

To: Project Manager

Mr. Tahawar Owais, DSG Energy, DS Global Pvt Ltd, Garden Town, Lahore

Project: Construction of Office Building at 29-M QIE, Lahore.

Our Ref. No. CL/CED/ 7255 Dated: 04/02/2025

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

### **COMPRESSION TEST REPORT**

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

Specimens received on: 04/02/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	Mark*		_	Date*	Size	Wet Weight	Dry 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 ( /6)	
1		21	1	2025	6Diax12		14.4	28.28	58	4594		Non Engraved
2		21	1	2025	6Diax12		14	28.28	50	3960		Non Engraved
3		21	1	2025	6Diax12		14.6	28.28	55	4356		Non Engraved
4		24	1	2025	6Diax12		13.4	28.28	71	5624		Non Engraved
5		24	1	2025	6Diax12	GINE	RI 14	28.28	61	4832		Non Engraved
6		24	1	2025	6Diax12	KEAD IN	14.2	28.28	71	5624		Non Engraved
7						THE NAME OF THY LORD WHO	( <u>)</u>	<b>3</b> —				
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#### Witnessed by:

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

- 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.



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8835 Dr. Rizwan Riaz

**Test Specification** 

To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd

Project: Commercial Tower, Finance Trade Centre, Lahore (11th Floor Slab Pour 1 N'~G'/1~4')

Our Ref. No. CL/CED/ 7256 Dated: 04/02/2025

Your Ref. No. HMBDPL/S.O/02/25/168 (LHR) Dated: 04/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 04/02/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight	Dry 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)	OH (%)	
1	CT-181 (3500 Psi)	7	1	2025	6Diax12		14.2	28.28	54	4277		Non Engraved
2	CT-181 (3500 Psi)	7	1	2025	6Diax12		14.2	28.28	77	6099		Non Engraved
3	CT-181 (3500 Psi)	7	1	2025	6Diax12		14	28.28	70	5545		Non Engraved
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7						THE NAME OF THY LORD WHO	( j					
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Witnessed by: HMBD, CNIC # 33103-0209597-3

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

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8832 Dr. Rizwan Riaz

To: Resident Engineer

Metroplan-Asian JV, Site Office, NSICTR, Phase-1, Pkg (B&C)

Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (Package-

C)

Our Ref. No. CL/CED/ 7257 Dated: 04/02/2025 <u>Test Specification</u>

Your Ref. No. Metroplan Asian JV-NSICTR-(PKG-C)-RE-094 Dated: 04/02/2025 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 04/02/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(4000 Psi)	7	1	2025	6Diax12		14.6	28.28	52	4119		Non Engraved
2	(4000 Psi)	7	1	2025	6Diax12		14.6	28.28	70	5545		Non Engraved
3	(4000 Psi)	7	1	2025	6Diax12		14.4	28.28	64	5069		Non Engraved
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5				-		GINE	RINE			1		
6				-		READ IN	200			1		
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12				-						1		
13				-						1		
14												
15												
16												

Witnessed by: Ayesha Javed, Assistant Manager Structures & Mr. Umair QAQC/ME, Asian Consultant

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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8833 Dr. Rizwan Riaz

To: Resident Engineer

Metroplan-Asian JV, Site Office, NSICTR, Phase-1, Pkg (B&C)

Project: Establishment of Nawaz Sharif Institute of Cancer Treatment & Research, Lahore Phase-1 (Package-

B)

Our Ref. No. CL/CED/ 7258 Dated: 04/02/2025 <u>Test Specification</u>

Your Ref. No. Metroplan Asian JV-NSICTR-(PKG-B)-RE-093 Dated: 04/02/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 04/02/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(5000 Psi)	7	1	2025	6Diax12		14	28.28	56	4436		Non Engraved
2	(5000 Psi)	7	1	2025	6Diax12		14.2	28.28	95	7525		Non Engraved
3	(5000 Psi)	7	1	2025	6Diax12		14	28.28	97	7683		Non Engraved
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5						GINE	RINE					
6					)	READ IN	2000	<b>X</b>				
7						THE NAME OF THY LORD WHO	المرافي ا					
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14												
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16												

Witnessed by: Ayesha Javed, Assistant Manager Structures, IDAP & Mr. Umair, ME/QAQC, Asian Consultants

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> 8801 Dr. Aqsa

**Test Specification** 

To: Sub Divisional Officer

**Buildings Sub-Division No. 16, Lahore** 

Project: Construction of Smart Police Station Shadman Lahore.

Our Ref. No. CL/CED/ 7259 Dated: 04/02/2025

Your Ref. No. 52 16th Dated: 19/12/2024 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 31/01/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	(/-)	
1	First Floor Slab (1:2:4)	1	1	2025	6Diax12		13.4	28.28	48	3802		Non Engraved
2	First Floor Slab (1:2:4)	1	1	2025	6Diax12		13	28.28	59	4673		Non Engraved
3												
4												
5						GINE	RINE					
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10						"- /A	ORE					
11												
12										1		-
13												
14												
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#### Witnessed by:

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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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> 8801 Dr. Aqsa

To: Sub Divisional Officer,

**Buildings Sub-Division No. 16, Lahore** 

Project: Construction of Smart Police Station Shadman Lahore.

Our Ref. No. CL/CED/ 7260 Dated: 04/02/2025

**Test Specification** Your Ref. No. 51 16th Dated: 19/12/2024 ( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

31/01/2025 Tested on: 04/02/2025 Specimens received on: in dry/wet condition



Mark*	Casting Date*		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 Columns (1:1.5:3)	21	12	2024	6Diax12		14	28.28	83	6574		Non Engraved
First Floor Columns (1:1.5:3)	21	12	2024	6Diax12		13.8	28.28	58	4594		Non Engraved
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					READ IN	200					
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	First Floor Columns (1:1.5:3) First Floor Columns (1:1.5:3)	Mark* DD First Floor Columns (1:1.5:3) First Floor Columns (1:1.5:3)	Mark*    DD   MM	Mark*    DD   MM   YYYY	Mark* DD MM YYYY (in)  First Floor Columns (1:1.5:3) First Floor Columns (1:1.5:3)	Mark*   DD   MM   YYYY   (in)   (Kg/gms)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)	Mark*	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)	Mark*   DD   MM   YYYY   (in)   (Kg/ gms)   (Kg/ gms)   (Kg/ gms)   (Sq. in)   (Imp.Tons)   (psi)	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Casting Date*   Absorption (Sq. in)   (Imp.Tons)   (psi)   On (%)

#### Witnessed by:

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- 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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> 8819 Dr. Aqsa

( ASTM C39 )

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: ENHANCEMENT & CONSTRUCTION OF THE SHRINE SYED ALI AL-HAJVERI (R.A), (DATA GANJ

BAKHSH) LAHORE.

Our Ref. No. CL/CED/ 7261 Dated: 04/02/2025 <u>Test Specification</u>

Your Ref. No. 4580/13/AA/01/03 Dated: 24/01/2025

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/02/2025 Tested on: 04/02/2025 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	Pile No. 10, "C" 4000 Psi	17	1	2025	6Diax12		14.4	28.28	62	4911		Non Engraved
2	Pile No. 10, "C" 4000 Psi	17	1	2025	6Diax12		14.4	28.28	56	4436		Non Engraved
3	Pile No. 10, "C" 4000 Psi	17	1	2025	6Diax12		13.8	28.28	45	3564		Non Engraved
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5						GINE	RINE					
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#### Witnessed by:

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> 8819 Dr. Aqsa

( ASTM C39 )

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: ENHANCEMENT & CONSTRUCTION OF THE SHRINE SYED ALI AL-HAJVERI (R.A), (DATA GANJ

BAKHSH) LAHORE.

Our Ref. No. CL/CED/ 7262 Dated: 04/02/2025 <u>Test Specification</u>

Your Ref. No. 4580/13/AA/01/02 Dated: 23/01/2025

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/02/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	Mark*	Cas		Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	"C" 4000 Psi	16	1	2025	6Diax12		14.4	28.28	66	5228		Non Engraved
2	"C" 4000 Psi	16	1	2025	6Diax12		14.2	28.28	57	4515		Non Engraved
3	"C" 4000 Psi	16	1	2025	6Diax12		14.4	28.28	47	3723		Non Engraved
4												
5						GINE	RINE					
6						READ IN	200					
7						THE NAME OF THY LORD WHO		100				
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10						-LA	OR					
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13												
14												
15												
16										-		

Witnessed by:

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> 8819 Dr. Aqsa

( ASTM C39 )

To: Mr. Aftab Ahmad

Chief Engineer, Construction Management Division. NESPAK (Pvt) Ltd.

Project: ENHANCEMENT & CONSTRUCTION OF THE SHRINE SYED ALI AL-HAJVERI (R.A), (DATA GANJ

BAKHSH) LAHORE.

Our Ref. No. CL/CED/ 7263 Dated: 04/02/2025 <u>Test Specification</u>

Your Ref. No. 4580/13/AA/01/04 Dated: 25/01/2025

### **COMPRESSION TEST REPORT**

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

Specimens received on: 03/02/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Pile No. 02, "C" 4000 Psi	18	1	2025	6Diax12		14.2	28.28	50	3960		Non Engraved
2	Pile No. 02, "C" 4000 Psi	18	1	2025	6Diax12		14	28.28	57	4515		Non Engraved
3	Pile No. 02, "C" 4000 Psi	18	1	2025	6Diax12		14.2	28.28	59	4673		Non Engraved
4	Pile No. 08, "C" 4000 Psi	18	1	2025	6Diax12		14.4	28.28	44	3485		Non Engraved
5	Pile No. 08, "C" 4000 Psi	18	1	2025	6Diax12	GINE	RI 14	28.28	41	3248		Non Engraved
6	Pile No. 08, "C" 4000 Psi	18	1	2025	6Diax12	READ IN	14	28.28	57	4515		Non Engraved
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12												
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16												
16 Witness												

Witnessed by:

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> 8790 Dr. Aqsa

**Test Specification** 

To: Mr. Sufyan Uppal

Project Engineer, Baig Construction Co.

Our Ref. No. CL/CED/ 7264

Project: Construction of Jinnah Square Mall, Raiwind Road, Lahore. (GF Col i/1 to 4 and GF Col J/1 of 4)

1 Toject. Construction of Chinian Square Main, National Road, Europe. (Cir Con In 16 4 and Cir Con In 16 4)

Your Ref. No. CT/UET/28012025/08 Dated: 28/01/2025 (ASTM C39)

Dated:

04/02/2025

### **COMPRESSION TEST REPORT**

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

Specimens received on: 30/01/2025 Tested on: 04/02/2025 in dry/wet condition



Mark*	Casting Date*  DD MM YYYY	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks		
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1 (5500 Psi)	11	12	2024	6Diax12		14	28.28	75	5941		Non Engraved
3 (5500 Psi)	11	12	2024	6Diax12		14	28.28	83	6574		Non Engraved
7 (5500 Psi)	11	12	2024	6Diax12		13.8	28.28	73	5782		Non Engraved
8 (5500 Psi)	11	12	2024	6Diax12		13.8	28.28	72	5703		Non Engraved
1 (5500 Psi)	13	12	2024	6Diax12	GINE	13.6	28.28	80	6337		Non Engraved
3 (5500 Psi)	13	12	2024	6Diax12	READ IN	14.2	28.28	64	5069		Non Engraved
6 (5500 Psi)	13	12	2024	6Diax12	THE NAME OF THY LORD WHO	- 13.8	28.28	82	6495		Non Engraved
8 (5500 Psi)	13	12	2024	6Diax12		14	28.28	85	6733		Non Engraved
							<b>5</b> /				
					-LA	ORE					
	1 (5500 Psi) 3 (5500 Psi) 7 (5500 Psi) 8 (5500 Psi) 1 (5500 Psi) 3 (5500 Psi) 6 (5500 Psi) 8 (5500 Psi)	Mark*  DD  1 (5500 Psi) 11  3 (5500 Psi) 11  7 (5500 Psi) 11  8 (5500 Psi) 13  3 (5500 Psi) 13  6 (5500 Psi) 13  8 (5500 Psi) 13  8 (5500 Psi) 13	Mark*  DD MM  1 (5500 Psi) 11 12  3 (5500 Psi) 11 12  8 (5500 Psi) 11 12  1 (5500 Psi) 13 12  1 (5500 Psi) 13 12  6 (5500 Psi) 13 12  8 (5500 Psi) 13 12  8 (5500 Psi) 13 12	Mark*  DD MM YYYY  1 (5500 Psi) 11 12 2024  7 (5500 Psi) 11 12 2024  8 (5500 Psi) 11 12 2024  1 (5500 Psi) 13 12 2024  1 (5500 Psi) 13 12 2024  6 (5500 Psi) 13 12 2024  8 (5500 Psi) 13 12 2024  8 (5500 Psi) 13 12 2024	Mark*  DD MM YYYY (in)  1 (5500 Psi) 11 12 2024 6Diax12  7 (5500 Psi) 11 12 2024 6Diax12  8 (5500 Psi) 11 12 2024 6Diax12  1 (5500 Psi) 13 12 2024 6Diax12  3 (5500 Psi) 13 12 2024 6Diax12  6 (5500 Psi) 13 12 2024 6Diax12  8 (5500 Psi) 13 12 2024 6Diax12	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Mark*	Mark*         Casting Date* DD MM YYYY         Size (in)         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Sq. in)           1 (5500 Psi)         11 12 2024 6Diax12         14 28.28           3 (5500 Psi)         11 12 2024 6Diax12         14 28.28           7 (5500 Psi)         11 12 2024 6Diax12         13.8 28.28           8 (5500 Psi)         13 12 2024 6Diax12         13.6 28.28           3 (5500 Psi)         13 12 2024 6Diax12         14.2 28.28           6 (5500 Psi)         13 12 2024 6Diax12         14.2 28.28           8 (5500 Psi)         13 12 2024 6Diax12         14.2 28.28           8 (5500 Psi)         13 12 2024 6Diax12         14.2 28.28           8 (5500 Psi)         13 12 2024 6Diax12         14.2 28.28	Mark*         Casting Date*         Size         Weight (Kg/ gms)         X-Section (Sq. in)         Load (Imp.Tons)           1 (5500 Psi)         11 12 2024 6Diax12         14 28.28 75           3 (5500 Psi)         11 12 2024 6Diax12         14 28.28 83           7 (5500 Psi)         11 12 2024 6Diax12         13.8 28.28 72           1 (5500 Psi)         11 12 2024 6Diax12         13.8 28.28 82           3 (5500 Psi)         13 12 2024 6Diax12         13.6 28.28 80           3 (5500 Psi)         13 12 2024 6Diax12         14.2 28.28 64           6 (5500 Psi)         13 12 2024 6Diax12         13.8 28.28 82           8 (5500 Psi)         13 12 2024 6Diax12         13.8 28.28 82           8 (5500 Psi)         13 12 2024 6Diax12         13.8 28.28 82           8 (5500 Psi)         13 12 2024 6Diax12         14 28.28 85 <t< td=""><td>Mark*</td><td>Mark*         Casting Date*         Size         Weight Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Ioad (Imp.Tons)         Stress Absorption (%)           1 (5500 Psi)         11 12 2024 6Diax12        </td></t<>	Mark*	Mark*         Casting Date*         Size         Weight Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Ioad (Imp.Tons)         Stress Absorption (%)           1 (5500 Psi)         11 12 2024 6Diax12

#### 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.



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.

> 8790 Dr. Aqsa

To: Mr. Sufyan Uppal

Project Engineer, Baig Construction Co.

Project: Construction of Jinnah Square Mall, Raiwind Road, Lahore. (GF Col i/1 to 4

Our Ref. No. CL/CED/ 7265 Dated: 04/02/2025 <u>Test Specification</u>

Your Ref. No. CT/UET/28012025/06 Dated: 28/01/2025 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 30/01/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	Mark*	Cas	_	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII ( /6)	
1	1 (3000 Psi)	17	12	2024	6Diax12		13.8	28.28	50	3960		Non Engraved
2	3 (3000 Psi)	17	12	2024	6Diax12		14	28.28	41	3248		Non Engraved
3	7 (3000 Psi)	17	12	2024	6Diax12		13.4	28.28	30	2376		Non Engraved
4	8 (3000 Psi)	17	12	2024	6Diax12		13.8	28.28	43	3406		Non Engraved
5	9 (3000 Psi)	17	12	2024	6Diax12	GINE	13.2	28.28	53	4198		Non Engraved
6	10 (3000 Psi)	17	12	2024	6Diax12	KEAD IN	14.4	28.28	44	3485		Non Engraved
7						THE NAME OF THY LORD WHO	( <u>)</u>	<u> </u>				
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10						LA	IORE					
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#### 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.



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.

> 8790 Dr. Aqsa

To: Mr. Sufyan Uppal

Project Engineer, Baig Construction Co.

Project: Construction of Jinnah Square Mall, Raiwind Road, Lahore. (GF Col K/1 & 2 & GF Col L/1 & 2 + FF

L/5)

Our Ref. No. CL/CED/ 7266

Dated: 04/02/2025

**Test Specification** 

Your Ref. No. CT/UET/29012025/08A

Dated: 29/01/2025

( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 30/01/2025 Tested on: 04/02/2025 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	1 (5500 Psi)	18	12	2024	6Diax12		14	28.28	71	5624		Non Engraved
2	2 (5500 Psi)	18	12	2024	6Diax12		14	28.28	49	3881		Non Engraved
3	3 (5500 Psi)	18	12	2024	6Diax12		14	28.28	67	5307		Non Engraved
4	4 (5500 Psi)	18	12	2024	6Diax12		14	28.28	72	5703		Non Engraved
5	1 (5500 Psi)	20	12	2024	6Diax12	GINE	14.2	28.28	66	5228		Non Engraved
6	2 (5500 Psi)	20	12	2024	6Diax12	READ IN	14	28.28	76	6020		Non Engraved
7	3 (5500 Psi)	20	12	2024	6Diax12	THE NAME OF THY LORD WHO	14	28.28	62	4911		Non Engraved
8	4 (5500 Psi)	20	12	2024	6Diax12	J. C.	14	28.28	81	6416		Non Engraved
9						<b>7</b>		5/				
10						LA	ORE					
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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.



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.

> 8784 Dr. Aqsa

To: Engr. Aziz ur Rehman

Assistant Resident Engineer, ACE Architectural & Town Planning Services Ltd.

Project: Resident Construction Supervision for Construction of Net Zero Energy Building (ACEIP, DLI-8)

Lahore. (Admixture: Fospak 568)

Our Ref. No. CL/CED/ 7267 Dated:

Your Ref. No. NZEB/ACE/LAB/2025/06 04/02/2025 **Test Specification** 

29/01/2025

Dated:

( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

29/01/2025 Tested on: 04/02/2025 Specimens received on: in dry/wet condition



Sr. No.	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	Lab Curing (5000 Psi)	22	1	2025	6Diax12		13.2	28.28	44	3485		Non Engraved
2	Lab Curing (5000 Psi)	22	1	2025	6Diax12		13.6	28.28	46	3644		Non Engraved
3	Lab Curing (5000 Psi)	22	1	2025	6Diax12		13.4	28.28	45	3564		Non Engraved
4							-			1		
5						RINE	RINE			1		
6						READ IN	200			1		
7						THE NAME OF THY LORD WHO	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	<b>3</b>				
8					8			Ha				
9								<b>5</b> /				
10						LA	ORE					
11							-			1		
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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 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.

> 8784 Dr. Aqsa

To: Engr. Aziz ur Rehman

Assistant Resident Engineer, ACE Architectural & Town Planning Services Ltd.

Project: Resident Construction Supervision for Construction of Net Zero Energy Building (ACEIP, DLI-8)

Lahore. (Admixture: Fospak 568). (Water Proofing Admixure: Fospak Expanplast WP 200)

Our Ref. No. CL/CED/ 7268 Dated: 04/02/2025

Your Ref. No. NZEB/ACE/LAB/2025/08

Test Specification
( ASTM C39 )

29/01/2025

Dated:

### **COMPRESSION TEST REPORT**

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

Specimens received on: 29/01/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No. Mark*			Casting 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	Lab Curing (5000 Psi)	16	1	2025	6Diax12		14	28.28	66	5228		Non Engraved
2	Lab Curing (5000 Psi)	16	1	2025	6Diax12		13.8	28.28	69	5465		Non Engraved
3	Lab Curing (5000 Psi)	16	1	2025	6Diax12		14	28.28	68	5386		Non Engraved
4					1					1		
5					-	GINE	RINTE			1		
6						READ IN	200			1		
7					1 1	THE NAME OF THY LORD WHO	1 ( <u>)                                  </u>	E		1		
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Witnessed by:

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- 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.

> 8802 Dr. Aqsa

To: Sub Divisional Officer

Maintenance Sub Division No. II, GOR-III, Lahore

Project: Construction of One Multistorey Building for Residences Grade 11-14 (36 Nos.) For Staff Colony at

Chauburji Garden State, Multan Road, Lahore.

Our Ref. No. CL/CED/ 7269 Dated: 04/02/2025 <u>Test Specification</u>

Your Ref. No. 1032 Sd/GOR-III, Lhr.

Dated: 29/11/2024 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 31/01/2025 Tested on: 04/02/2025 in dry/wet condition



Sr. No.	r. No. Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	· · · (/o/	
1	Slab (1:2:4)	31	12	2024	6Diax12		13.4	28.28	63	4990		Non Engraved
2	Slab (1:2:4)	31	12	2024	6Diax12		13.4	28.28	55	4356		Non Engraved
3												
4												
5						GINE	RINE					
6						READ IN	DED TO	<b></b>				
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#### 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.



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.

> 8802 Dr. Aqsa

To: **Sub Divisional Officer** 

Maintenance Sub Division No. II, GOR-III, Lahore

Project: Construction of One Multistorey Building for Residences Grade 11-14 (36 Nos.) For Staff Colony at

Chauburji Garden State, Multan Road, Lahore.

Our Ref. No. CL/CED/ 7270 Dated: 04/02/2025

Dated:

Your Ref. No. 1031 Sd/GOR-III, Lhr. **Test Specification** 

( ASTM C39 )

29/11/2024

### **COMPRESSION TEST REPORT**

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

31/01/2025 Tested on: 04/02/2025 Specimens received on: in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
1	Columns (1:1.5:3)	21	12	2024	(in) 6Diax12		13.4	28.28	(IIIIp. 1 Olis) 57	(psi) 4515		Non Engraved
2	Columns (1:1.5:3)	21	12	2024	6Diax12		13.6	28.28	55	4356		Non Engraved
3												
4												
5						aTNE	RIATO					
6						E Tro-Ala IN		<b>7</b>				
7						THE NAME OF THY LORD WHO	3/					
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#### 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 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.