

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.

9303 Dr. M. Yousaf

To: Consultant

Takbeer Tower, Lakshmi Chowk, Lahore. (Takbeer Developers)

Project: Nil			
Our Ref. No. CL/CED/ 8041	Dated:	21/04/2025	Test Specification
Your Ref. No. Nil	Dated:	21/04/2025	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	21	/04/2	2025	Tested on:	21/04	4/2025	in dry/wet condition			Ö	iesteri
Sr. No.	Mark*	Cas DD	ting MM	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	Slab	10	4	2025	6Diax12		13.6	28.28	42	3327		Engraved
2	Slab	10	4	2025	6Diax12		13	28.28	38	3010		Engraved
3	Slab	10	4	2025	6Diax12		13.2	28.28	36	2851		Engraved
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Witness	ed 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 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.





To: Captain (Hamza Naeem Abbasi)

For Commanding Officer, 46 Field Regiment Airtillery (GOLANDAZ) Mehfooz Shaheed Garrison Lhr.

Project: Blocks are to be used in Defence Construction.

Our Ref. No. CL/	CED/ 8042	Dated:	21/04/2025	Test Specification
Your Ref. No.	4610/Q	Dated:	17/04/2025	( )

#### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	17	/04/2	025	Tested on:	21/04	4/2025	in dry/wet condition				jestegi
Sr. No.	Mark*	Cas DD	ting MM	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				12 x 6 x 8		21	72	83	2582		
2	Solid Block				11.9 x 6 x 8		21	71.4	78	2447		
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Witness	Witnessed by:											

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

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



#### Director/Dy. Director Concrete Laboratory

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

9293 Dr. M. Yousaf





# 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.

9271 Dr. M. Yousaf

To: Mr. Muhammad Shabbir Ahmad SHER-E-RABANI DACURATION, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 8043	Dated:	21/04/2025	Test Specification
Your Ref. No. Nil	Dated:	15/04/2025	( )

### **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	15	/04/2	2025	Tested on:	21/04	/2025	in dry/wet condition				16236495		
Sr. No.	Mark*	Cas	Casting Date*		asting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)			
1	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2645	29.64	85	6424				
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2495	29.64	76	5744				
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2415	29.64	79	5970				
4	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2805	29.64	107	8086				
5	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	GINE	2835	29.64	111	8389				
6	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3	READ IN	2680	29.64	144	10883				
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Witness	Vitnessed by:													

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

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





		Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895							
То:	Sub Divi Public H	isional Officer lealth Engg: Sub Division, Ferozewala			9192 Dr. M. Yousaf				
	Project: District Our Ref.	Construction of Sewerage, Drainage & PCC at I Sheikhupura. (Pacca Brick Works) . No. CL/CED/ 8044	AC Kot Abdul Malik Ward Dated:	No. 5, Tehsil Ferozewa 21/04/2025	ala, <u>Test Specification</u>				
	Your Re	ef. No. 124/F	Dated:	02/06/2024	()				

## **COMPRESSION TEST REPORT**

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

Specimens received on:		25/03/2025		2025	Tested on:	21/04/2025		in dry/wet condition			i esteri	
Sr. No.	Mark*	Casting Date*		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	DA				8.5 x 4.1 x 2.7	3255	2935	34.85	27	1735	10.9	
2	DA				8.7 x 4.1 x 2.8	3360	3090	35.67	38	2386	8.74	
3	DA				8.6 x 4.2 x 2.9	3275	3090	36.12	35	2171	5.99	
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#### Witnessed by:

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A LINE AND		Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895							
To:	Sub Divi Public H	isional Officer lealth Engg: Sub Division, Ferozewala			9192 Dr. M. Yousaf				
	Project: District Our Ref.	Construction of Sewerage, Drainage & PCC at M Sheikhupura. (Pacca Brick Works) . No. CL/CED/ 8045	IC Kot Abdul Malik Ward Dated:	No. 2, Tehsil Ferozewa 21/04/2025	ala, <u>Test Specification</u>				
	Your Re	f. No. 118/F	Dated:	02/06/2024	()				

## **COMPRESSION TEST REPORT**



Specimo	ens received on:	25	5/03/2	025	Tested on:	21/04	4/2025	in dry/wet condition				itsiiksi
Sr. No.	Mark*	Cas DD	ting MM	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	DA				8.5 x 4.1 x 2.8	3195	2955	34.85	45	2892	8.12	
2	DA				8.5 x 4.1 x 2.7	3315	3020	34.85	37	2378	9.77	
3	DA				8.6 x 4 x 2.7	3135	2915	34.4	54	3516	7.55	
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#### Witnessed by:

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



To: Sub Divisional Officer Building's Sub Division No.14, Lahore

Project: Revamping of Punjab Land Record Authority, Lahore.

Our Ref. No. CL/CED/ 8046	Dated:	21/04/2025	Test Specification
Your Ref. No. No. 196	Dated:	12/04/2025	( )

#### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	16	04/2	2025	Tested on:	21/04	1/2025	in dry/wet condition				12236495
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2610	29.64	103	7784		
2	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2615	29.64	99	7482		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.3		2620	29.64	121	9144		
4	Rectangular, Red, 60mm				7.8 x 3.8 x 2.3		2535	29.64	77	5819		
5	Rectangular, Red, 60mm				7.8 x 3.8 x 2.3	GINE	2705	29.64	63	4761		
6	Rectangular, Red, 60mm				7.8 x 3.8 x 2.3	READIN	2730	29.64	85	6424		
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

Supervisor	(Lab)
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Project: Site ID: NOR25\_CB\_76. (PIER, DG & ODU Pad Foundation)

Our Ref. No. CL/CED/ 80	047	Dated:	21/04/2025	Test Specification
Your Ref. No. Nil		Dated:	Nil	( BS 1881-116 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on:		17	/04/2	025	Tested on:	21/04	/2025	in dry/wet	t condition					
Sr. No.	Mark*	Cas DD	Casting Date*		sting Date* Si MM YYYY (ii		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	(1:1.5:3 & 1:4:8)	18	3	2025	6x6x6		8	36	72	4480		Non Engraved		
2	(1:1.5:3 & 1:4:8)	18	3	2025	6x6x6		8.2	36	76	4729		Non Engraved		
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Witnessed by: Nil

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

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



9294 Dr. M.Yousaf

To: **CW Manager** 

ARCON, Khudadad Heights, E-11, Islamabad.

Drojacti Sita ID: NDO25 CA 722

Project. Site ID. NROZJ_CA_722			
Our Ref. No. CL/CED/ 8048	Dated:	21/04/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 17/04/2025 Tested on: 21/04/2025 in dry/wet condition												
Sr. No.	Mark*	Cas	ting	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Tower Foundation	19	3	2025	6x6x6		8	36	91	5662		Non Engraved
2	Tower Foundation (1:1.5:3 & 1:4:8)	19	3	2025	6x6x6		8.2	36	93	5787		Non Engraved
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Witness	Witnessed by: Nil											

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Specim	ens received on:	16/04/2025 Tested on: 21/04/2025 in dry/wet condition				ONLINE REPORT						
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Wall12, Foundation	2	3	2025	6x6x6		9	36	91	5662		Engraved
2	Wall12, Foundation	2	3	2025	6x6x6		9	36	72	4480		Engraved
3	Wall13, Foundation	4	3	2025	6x6x6		8.4	36	99	6160		Engraved
4	Wall13, Foundation	4	3	2025	6x6x6		8.6	36	89	5538		Engraved
5	Wall Front, Foundation	2	3	2025	6x6x6	GINE	RIA9	36	86	5351		Engraved
6	Wall Front, Foundation	2	3	2025	6x6x6	READIN	8.8	36	68	4231		Engraved
7	Wall12 upto FFL	7	3	2025	6x6x6	THE NAME	9	36	92	5724		Engraved
8	Wall12 upto FFL	7	3	2025	6x6 <mark>x6</mark> 🍃	Le Chico	9	36	105	6533		Engraved
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Witness	Witnessed by: Nil											

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Mr. Syed Talal Tariq Senior Portfolio Manager, IK Associates

Project: Construction of HMB Building Jail Road Faisalabad.

Our Ref. No. CL/	CED/ 8050	Dated:	21/04/2025	Test Specification
Your Ref. No.	IKA/HMB/C.T/01/2025	Dated:	10/04/2025	(ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	10/04/2025			Tested on:	21/04/2025		in dry/wet condition			Ċ	jesteg
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Third Floor Slab (3000 Psi)	3	3	2025	6Diax12		13.4	28.28	78	6178		Non Engraved
2	Third Floor Slab (3000 Psi)	3	3	2025	6Diax12		13.2	28.28	42	3327		Non Engraved
3	Third Floor Slab (3000 Psi)	3	3	2025	6Diax12		13	28.28	44	3485		Non Engraved
4	Fourth Floor Column (4000 Psi)	25	3	2025	6Diax12		14	28.28	65	5149		Non Engraved
5	Fourth Floor Column (4000 Psi)	25	3	2025	6Diax12	GINE	13.8	28.28	85	6733		Non Engraved
6	Fourth Floor Column (4000 Psi)	25	3	2025	6Diax12	READIN	-13.6	28.28	62	4911		Non Engraved
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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)

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



Dated:

Dated:

21/04/2025

Nil

Test Specification

(ASTM C39)

Site Incharge, Eagle Construction & Co. Gujranwala.

Project: Construction of Admin Block Sua Asal.

Our	Ref.	No.	CL/CED/	8051

Your Ref. No. Nil

## **COMPRESSION TEST REPORT**

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

Specime	ens received on:	09	/04/2	2025	Tested on:	21/04	4/2025	in dry/we	t condition		Ë	16236846
Sr. No.	Mark*	Cas DD	ting MM	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	Plinth Beam	15	3	2025	6Diax12		13.4	28.28	67	5307		Non Engraved
2	Plinth Beam	15	3	2025	6Diax12		14.2	28.28	57	4515		Non Engraved
3												
4						-						
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#### Witnessed by:

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

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

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

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

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



Dated:

Dated:

21/04/2025

Nil

Test Specification

(ASTM C39)

Site Incharge, Eagle Construction & Co. Gujranwala.

Project: Construction of Admin Block Sua Asal.

Our	Ref.	No.	CL/CED/	8052

Your Ref. No. Nil

## **COMPRESSION TEST REPORT**

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

Specime	ens received on:	09	/04/2	2025	Tested on:	21/04	1/2025	in dry/we	t condition		Ë	iesteri
Sr. No.	Mark*	Cas DD	ting MM	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	Column Below Plinth	14	3	2025	6Diax12		13.8	28.28	61	4832		Non Engraved
2	Column Below Plinth	14	3	2025	6Diax12		13.8	28.28	74	5861		Non Engraved
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#### Witnessed by:

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



Dated:

Dated:

21/04/2025

Nil

Test Specification

(ASTM C39)

Site Incharge, Eagle Construction & Co. Gujranwala.

Project: Construction of Admin Block Sua Asal.

Our Ref. No. CL/CED/ 8053

Your Ref. No. Nil

## **COMPRESSION TEST REPORT**

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

Specimens received on:		09/04/2025		2025	Tested on:	21/04/2025		in dry/wet condition			i terretari	
Sr. No.	Mark*	Casting Date*			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	Raft	12	3	2025	6Diax12		13.6	28.28	79	6257		Non Engraved
2	Raft	12	3	2025	6Diax12		13.6	28.28	68	5386		Non Engraved
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Witnessed by:

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1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)

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



9255 Dr. M. Yousaf

To: **Dogar Associates** 

Main Boulevard Lahore.

Project: Construction of House # 25 Block A, Izmir Town, Lahore.

Our Ref. No. CL/CED/ 8054	Dated:	21/04/2025	Test Specification
Your Ref. No. Nil	Dated:	11/04/2025	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on:		11/04/2025 Tested on:		Tested on:	21/04/2025		in dry/wet condition			Ë	i tangé sa	
Sr. No.	Mark*	Casting 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	Basement Slab	17	3	2025	6Diax12		13	28.28	25	1980		Non Engraved
2	Basement Slab	17	3	2025	6Diax12		12.6	28.28	26	2059		Non Engraved
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