A LINE AND A		Plain and Reinforced Control Civil Engineering De University of Engineering and Technol Landline: 042-99029245 & 042-99029202	oncrete Labor partment ogy, Lahore. Pakistan Mobile: 0307-049689	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To:	Senior S Municip	Sub Engineer al Committee Jauharabad			9164 Engr. A. Rehman
	Project: Dak Kha Our Ref.	Tuff Paver, Drain from Main Jauharabad Road to ana Chowk via Awan State District Khushab. . No. CL/CED/ 7938	o Deaf School Via Block N Dated:	No.4, Purana Lari Adda 11/04/2025	to <u>Test Specification</u>
	Your Re	f. No. 2730/MC	Dated:	21/03/2025	()

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	24	/03/2	2025	Tested on:	11/04	/2025	in dry/wet	condition			
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	Rectangular, Grey, 80mm				7.8x3.8x3.1		3820	29.64	62	4686		
2	Rectangular, Red, 80mm	-			7.8x3.8x3.1		3415	29.64	44	3325		
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Witness	ed by: Nil											

### ninessed 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

 $\underline{\textbf{Note:}}$  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.



# 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.

9198 Dr. M. Yousaf

#### To: Mr. Safdar Rashid

Resident Engineer, Architecture & Planning Division, NESPAK (Pvt) Ltd

Project: KBCMA College of Veterinary and Animal Sciences Narowal Campus (BS 15-17 Residences)

Our Ref. No. CL/CE	D/ 7939	Dated:	11/04/2025	Test Specification
Your Ref. No.	4650/311/SR/104	Dated:	25/3/2025	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on:		26/3/2025		025	Tested on:	11/04/2025		in dry/wet condition			Ü	16638896
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	1st Floor Roof Slab (1:1.5:3)	1	3	2025	6Diax12		13.6	28.28	51	4040		Engraved
2	1st Floor Roof Slab (1:1.5:3)	1	3	2025	6Diax12		13.6	28.28	47	3723		Engraved
3	1st Floor Roof Slab (1:1.5:3)	1	3	2025	6Diax12		13.4	28.28	45	3564		Engraved
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Witness	ed by:											

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

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

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



Project Engineer,	NESPAK (Pvt) Ltd			
Project: Construc Lahore	tion of Test Beds and Workshop Building	g for Al-Ghazi Tractors Li	mited Sheikhupura	Road
Our Ref. No. CL/C	ED/ 7940	Dated:	11/04/2025	Test Specification
Your Ref. No.	4829/311/JA/01/23896-B	Dated:	02/04/2025	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	Specimens received on:		07/04/2025		Tested on:	11/04/2025		in dry/wet condition				
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	Ground Floor Slab	26	3	2025	6Diax12		13.2	28.28	30	2376		Non Engraved
2	Ground Floor Slab	26	3	2025	6Diax12		13.4	28.28	34	2693		Non Engraved
3	Ground Floor Slab	26	3	2025	6Diax12		13	28.28	35	2772		Non Engraved
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Witness	od by:											

Witnessed by:

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

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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.

### **Director/Dy. Director Concrete Laboratory**

(ASTM C39)



Mr. Muhammad	Saleem			
Material Engine	er, Environmental & Public Health Engineering D	ivision, NESPAK	, ADP WASA Lhr	
Project: Annua for Sore Point a	Development Program- WASA (ADP 2024-25) Ra It Railway Station Park, Lahore	inwater Manager	nent- Drainage Arrang	ement
Our Ref. No. CL	./CED/ 7941	Dated:	11/04/2025	Test Specification
Your Ref. No.	NESPAK/WASA/ADP/UGWT/RS/ME/20	Dated:	22/3/2025	(ASTM C39)

## **COMPRESSION TEST REPORT**



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9170 Dr. M. Yousaf

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

Specimo	ens received on:	24	4/3/2	025	Tested on:	11/04	1/2025	in dry/wet	t condition			jester
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		עט		YYYY	(in)	(Kg/ gms)	(Kg/gms)	(Sq. in)	(Imp. I ons)	(psi)	. ,	
1	Raft (4000 Psi)	22	2	2025	6Diax12		13	28.28	51	4040		Non Engraved
2	Raft (4000 Psi)	22	2	2025	6Diax12		13	28.28	52	4119		Non Engraved
3	Raft (4000 Psi)	22	2	2025	6Diax12		13.6	28.28	70	5545		Non Engraved
4	Raft (4000 Psi)	25	2	2025	6Diax12		13	28.28	49	3881		Non Engraved
5	Raft (4000 Psi)	25	2	2025	6Diax12	GINE	12.8	28.28	48	3802		Non Engraved
6	Raft (4000 Psi)	25	2	2025	6Diax12	READ IN	-13	28.28	62	4911		Non Engraved
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### Nitnessed by:

To:

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.



o:	Engr. M. Rashid
	Site Engineer, Husnain Builders, DHA Rahber Phase 11, Lahore

Project: Construction of LGS Bahria Town Campus Lahore

Our Ref. No. CL/CED/ 7942	Dated:	11/04/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	08	8/04/2	2025	Tested on:	11/04	4/2025	in dry/wet	t condition		Ē	jesues
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		6	3	2025	6Diax12		12	28.28	11	871		Non Engraved
2		6	3	2025	6Diax12		12	28.28	11	871		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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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:

Resident Engineer, G3 Engineering Consultants (Pvt) Lt	t de la constante de	
Project: Const. of Institute of Health Sciences, Canteen/ at University of Narowal (New Campus) -Const. of IHS B	Cafeteria, Commercial Center with Bank & Pos dg; 2nd Floor Roof Slab)	t Office
Our Ref. No. CL/CED/ 7943	Dated: 11/04/2025	
Your Ref. No. G3/UON-RE/277	Dated: 18/3/2025	

### **COMPRESSION TEST REPORT**

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

Test Specification (ASTM C39)

Specimens received on:		28/03/2025		2025	Tested on:	n: <u>11/04/2025</u>		in dry/wet condition				
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	3000 Psi (Portion B)	8	2	2025	6Diax12		14.2	28.28	50	3960		Engraved
2	3000 Psi (Portion B)	8	2	2025	6Diax12		14	28.28	50	3960		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)

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: Mr. Shahzad Munir

Resident Engineer, G3 Engineering Consultants (Pvt) Ltd.

Project: Const. of Institute of Health Sciences, Canteen/Cafeteria, Commercial Center with Bank & Post Office It University of Narowal (New Campus) -Const. of IHS Bldg; 2nd Floor Roof Slab) Dur Ref. No. CL/CED/ 7944 Dated: 11/04/2025		ost Office	
Our Ref. No. CL/CED/ 7944	Dated:	11/04/2025	Test Specification
Your Ref. No. G3/UON-RE/276	Dated:	18/3/2025	(ASTM C39)

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### **COMPRESSION TEST REPORT**

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

Specim	28/03/2025 Tested		Tested on:	11/04/2025		in dry/wet condition			Ċ	i kalegi		
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	3000 Psi (Portion A)	25	1	2025	6Diax12		14	28.28	51	4040		Engraved
2	3000 Psi (Portion A)	25	1	2025	6Diax12		14	28.28	51	4040		Engraved
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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.



18/3/2025

Your Ref. No. G3/UON-RE/274

### **COMPRESSION TEST REPORT**

(ASTM C39)

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

Specimens received on: 28/03/202		2025	Tested on:	11/04/2025		in dry/wet condition				jesteg		
Sr. No.	Mark*	Cas DD	sting 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	3000 Psi (Portion C)	1	1	2025	6Diax12		14	28.28	54	4277		Engraved
2	3000 Psi (Portion C)	1	1	2025	6Diax12		14.4	28.28	63	4990		Engraved
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#### Witnessed by:

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

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18/3/2025

(ASTM C39)

Your Ref. No. G3/UON-RE/274

### **COMPRESSION TEST REPORT**

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

Specimens received on: 18/03/2		2025	Tested on:	11/04	1/2025	in dry/wet	condition		r. [			
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	4000 Psi (Portion C)	24	12	2024	6Diax12		13.6	28.28	57	4515		Engraved
2	4000 Psi (Portion C)	24	12	2024	6Diax12		13.4	28.28	60	4752		Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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18/3/2025

(ASTM C39)

## **COMPRESSION TEST REPORT**

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

G3/UON-RE/274

Specimens received on: 28/03/2025			2025	Tested on:	11/04	1/2025	in dry/wet	t condition		F. D		
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	4000 Psi (Portion D)	10	2	2025	6Diax12		13.2	28.28	54	4277		Engraved
2	4000 Psi (Portion D)	10	2	2025	6Diax12		13.4	28.28	76	6020		Engraved
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#### Witnessed by:

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

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Your Ref. No.

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



Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders (Main Building 10th Floor Zone-02, Column #11 Nos. Grid: -B'/8,9, C/7,8, F, G/7,8, H'/7,8,9) Our Ref. No. CL/CED/ 7948 Dated: 11/04/2025 Your Ref. No. DOC-BMC/AJWA/187 09/04/2025 Dated:

### **COMPRESSION TEST REPORT**



**Test Specification** 

(ASTM C39)

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the report has been retained in

9243 Dr. M. Yousaf

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

Specimens received on:		09/04/2025		2025	Tested on:	ested on: 11/04/2025		in dry/wet condition			<u>i terreg</u> i	
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	6000 Psi	11	3	2025	6Diax12		14.2	28.28	86	6812		Non Engraved
2	6000 Psi	11	3	2025	6Diax12		13.8	28.28	99	7842		Non Engraved
3	6000 Psi	11	3	2025	6Diax12		13.6	28.28	92	7287		Non Engraved
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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.



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

9243 Dr. M. Yousaf

#### To: Mr. Abdul Baseet

Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by AJWA Builders (Main Building 9th Floor Zone-01, Column #01 Nos. Grid: -H'/3)

Our Ref. No. CL/C	ED/ 7949	Dated:	11/04/2025	Test Specification
Your Ref. No.	DOC-BMC/AJWA/186	Dated:	09/04/2025	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 09/		09/04/2025		Tested on:	11/04/2025		in dry/wet condition			jester		
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	6000 Psi	9	3	2025	6Diax12		14	28.28	96	7604		Non Engraved
2	6000 Psi	9	3	2025	6Diax12		14	28.28	108	8554		Non Engraved
3	6000 Psi	9	3	2025	6Diax12		14.2	28.28	103	8158		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)

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.



# 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.

9243 Dr. M. Yousaf

#### To: Mr. Abdul Baseet

Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd

Project: Burj-1 by	AJWA Builders (Main	Building 9th Floor Zone-07	l, Column #04 Nos. (	Grid: -E/2,3,H'/2a,G/4)
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Our Ref. No. CL/CI	ED/ 7950	Dated:	11/04/2025	Test Specification
Your Ref. No.	BMC/AJWA/185	Dated:	09/04/2025	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on:		09/04/2025 Teste		Tested on:	11/04/2025		in dry/wet condition					
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	6000 Psi	8	3	2025	6Diax12		14	28.28	127	10059		Non Engraved
2	6000 Psi	8	3	2025	6Diax12		14.2	28.28	115	9109		Non Engraved
3	6000 Psi	8	3	2025	6Diax12		14.2	28.28	111	8792		Non Engraved
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Witness	ed by:											

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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 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: Mr. Nouman Anwer Supply Chain Manager Zarea Limited

Project: Construction of House# 103 Fazil Road Lahore Cantt

Our Ref. No. CL/CED/ 7951	Dated:	11/04/2025	Test Specification
Your Ref. No. Fazal/103/07/257	Dated:	07/04/2025	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	09	/04/2	2025	Tested on:	11/04	1/2025	in dry/we	t condition			jester j
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	4000 Psi	9	3	2025	6Diax12		13.6	28.28	54	4277		Non Engraved
2	4000 Psi	9	3	2025	6Diax12		13.4	28.28	56	4436		Non Engraved
3	4000 Psi	9	3	2025	6Diax12		13.2	28.28	52	4119		Non Engraved
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Witness	ed by:											

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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 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:	Mr. Sajjad Karim
	Project Engineer, 7Canal Developers, 7 Canal Park, Gulberg 2, Lahore

Project: 7Canal Residential Apartment Builidngs			
Our Ref. No. CL/CED/ 7952	Dated:	11/04/2025	Test Specification
Your Ref. No. Nil	Dated:	08/04/2025	(ASTM C39)

ORIGINAL

the report has

9224

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	08	8/04/2	2025	Tested on:	10/04	1/2025	in dry/wet	condition		[	jester
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)	011 ( 76)	
1	4000 Psi	27	2	2025	6Diax12		14	28.28	71	5624		Non Engraved
2	4000 Psi	27	2	2025	6Diax12		13.8	28.28	82	6495		Non Engraved
3	4000 Psi	28	2	2025	6Diax12		14	28.28	70	5545		Non Engraved
4	4000 Psi	28	2	2025	6Diax12		13.8	28.28	55	4356		Non Engraved
5	5500 Psi	4	3	2025	6Diax12	CINE	13.8	28.28	103	8158		Non Engraved
6	5500 Psi	4	3	2025	6Diax12		14	28.28	90	7129		Non Engraved
7	4000 Psi	11	3	2025	6Diax12	THE NAME	-14	28.28	62	4911		Non Engraved
8	4000 Psi	11	3	2025	6Diax12 😤		14	28.28	60	4752		Non Engraved
9	5500 Psi	20	3	2025	6Diax12		13.8	28.28	87	6891		Non Engraved
10	5500 Psi	20	3	2025	6Diax12	/ A	<b>DR14</b>	28.28	97	7683		Non Engraved
11	4000 Psi	22	3	2025	6Diax12		14	28.28	56	4436		Non Engraved
12	4000 Psi	22	3	2025	6Diax12		14	28.28	58	4594		Non Engraved
13												
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16												
Witness	ed by: Mr. M. Arsh	ad, C	NIC	31304	-3040560-5; Mr	. Shabbir H	lussain, CN	IIC 35202-	3135814-3			

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.

Contraction of the second		Plain a Universiti Landline: 042	and Reinforced C Civil Engineering De ty of Engineering and Technol 2-99029245 & 042-99029202	oncrete Labor partment ogy, Lahore. Pakistan Mobile: 0307-0496899	atory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
						9226 Engr. A. Rehman
To:	Sub Div Building	isional Officer Js Sub Division	n, Sambrial			
	Project: No. 266′	Perimeter Wal I For the Year 2	l Correctional Facilities Revampin 2024-25 (Perimeter Wall- Right Sig	ng Programe One at Distric le)	ct Jail Sialkot (NRP) ADP	
	Our Ref	No. CL/CED/	7953	Dated:	11/04/2025	Test Specification

19/10/2024

Your Ref. No. 300-A/SMBL

### **COMPRESSION TEST REPORT**

(ASTM C39)

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

Specim	ens received on:	08	3/04/2	2025	Tested on:	11/04	4/2025	in dry/we	t condition		Ē	icenter:
Sr. No.	Mark*	Cas DD	ting MM	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	Туре С (1:2:4)	18	9	2024	6Diax12		13	28.28	49	3881		Engraved
2	Туре С (1:2:4)	18	9	2024	6Diax12		13	28.28	50	3960		Engraved
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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 compressive strength

 $\underline{\textbf{Note:}}$  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.



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

9212 Engr. A. Rehman

To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Project: CMPAK Project Site ID: 44323

Troject. Olin Alti				
Our Ref. No. CL/C	ED/ 7954	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2033	Dated:	06/03/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	07	/04/2	2025	Tested on:	11/04	4/2025	in dry/wet	t condition		Ë	ies and i
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	Raft Foundation (1:1.5:3)	27	2	2025	6x6x6		8.4	36	47	2924		Non Engraved
2	Raft Foundation (1:1.5:3)	27	2	2025	6x6x6		8.6	36	60	3733		Non Engraved
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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 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.



To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Project: CMPAK Project Site ID: 44323

Our Ref. No. CL/C	ED/ 7955	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2034	Dated:	07/03/2025	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	07	/04/2	2025	Tested on:	11/04	4/2025	in dry/wet	t condition		Ċ	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	Col. Fndn + ODU Pad (1:1.5:3)	28	2	2025	6x6x6		8	36	44	2738		Non Engraved
2	Col. Fndn + ODU Pad (1:1.5:3)	28	2	2025	6x6x6		8.2	36	58	3609		Non Engraved
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Witness	ed by:											

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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 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.



ORIGINAL

the report has been retained in

To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Site ID: 44544

FIOJECI. CIVIFAN	Project Site ID. 44544			
Our Ref. No. CL/0	CED/ 7956	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2035	Dated:	08/03/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	07	/04/2	2025	Tested on:	11/04	1/2025	in dry/wet	t condition			jesneg
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	Pier Fndn + ODU Pad (1:1.5:3)	1	3	2025	6x6x6		8.4	36	38	2364		Non Engraved
2	Pier Fndn + ODU Pad (1:1.5:3)	1	3	2025	6x6x6		8.2	36	37	2302		Non Engraved
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Vitnessed 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.

Supervisor (Lab)



ORIGINAL

the report has

To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Site ID: 42054

FIOJECI. CIVIFAN	Project Sile ID. 43951			
Our Ref. No. CL/0	CED/ 7957	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2036	Dated:	09/03/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	07	/04/2	025	Tested on:	11/04	4/2025	in dry/we	t 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	Pier Fndn + ODU Pad (1:1.5:3)	2	3	2025	6x6x6		8	36	46	2862		Non Engraved
2	Pier Fndn + ODU Pad (1:1.5:3)	2	3	2025	6x6x6		8	36	24	1493		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)

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.



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

9212 Engr. A. Rehman

To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Site ID: 44527

FIUJECI. CIMPAN I	-Toject Site ID. 44337			
Our Ref. No. CL/C	CED/ 7958	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2038	Dated:	11/03/2025	(BS 1881-116)

## **COMPRESSION TEST REPORT**

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

Specime	ens received on:	07	/04/2	2025	Tested on:	11/04	1/2025	in dry/wet	t condition		[	jesneg
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	Raft Foundation (1:1.5:3)	4	3	2025	6x6x6		8	36	29	1804		Non Engraved
2	Raft Foundation (1:1.5:3)	4	3	2025	6x6x6		8	36	47	2924		Non Engraved
3												
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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 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: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Sita ID: 44527

Troject. Own Art Toject one 10. 44007										
Our Ref. No. CL/0	CED/ 7959	Dated:	11/04/2025	Test Specification						
Your Ref. No.	CME/Cubes/CMPAK/2039	Dated:	12/03/2025	( BS 1881-116 )						

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	07	/04/2	2025	Tested on:	11/04	1/2025	in dry/we	t condition		Ü	ies and i
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	Columns + ODU PAD (1:1.5:3)	5	3	2025	6x6x6		8.4	36	54	3360		Non Engraved
2	Columns + ODU PAD (1:1.5:3)	5	3	2025	6x6x6		8	36	38	2364		Non Engraved
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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.





ORIGINAL

To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Sita ID: 42040

FTOJECI. CIVIFAR F	Toject Sile ID. 43949			
Our Ref. No. CL/C	ED/ 7960	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2040	Dated:	18/3/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	07	/04/2	2025	Tested on:	11/04	1/2025	in dry/we	t condition		[	jesneg
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	Pier Fndn + ODU PAD (1:1.5:3)	11	3	2025	6x6x6		8	36	52	3236		Non Engraved
2	Pier Fndn + ODU PAD (1:1.5:3)	11	3	2025	6x6x6		8.4	36	44	2738		Non Engraved
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Witness												

Vitnessed 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.



Project: Tawal Project Site ID: TWPBWP0018

Our Ref. No. CL/C	ED/ 7961	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/Tawal/2049	Dated:	14/3/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	07	/04/2	2025	Tested on:	11/04	1/2025	in dry/we	t condition		[	jesneg
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	Tower Columns (1:1.5:3)	15	2	2025	6x6x6		8	36	50	3111		Non Engraved
2	Tower Columns (1:1.5:3)	15	2	2025	6x6x6		8	36	37	2302		Non Engraved
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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.

Supervisor (Lab)



Project: Tawal Project Site ID: TWPBWP0018

Our Ref. No. CL/C	ED/ 7962	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/Tawal/2048	Dated:	12/03/2025	(BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	07	/04/2	025	Tested on:	11/04	1/2025	in dry/wet	t condition			
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	Tower Raft (1:1.5:3)	13	2	2025	6x6x6		8.2	36	54	3360		Non Engraved
2	Tower Raft (1:1.5:3)	13	2	2025	6x6x6		8	36	55	3422		Non Engraved
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Vitnessed 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.



Project: Tawal Project Site ID: TWPBWP0018

Our Ref. No. CL/0	CED/ 7963	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/Tawal/2050	Dated:	14/3/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	07	/04/2	2025	Tested on:	11/04	1/2025	in dry/wet	t condition		C	
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	Solar Raft + Solar Columns (1:1.5:3)	15	2	2025	6x6x6		8.8	36	44	2738		Non Engraved
2	Solar Raft + Solar Columns (1:1.5:3)	15	2	2025	6x6x6		8	36	48	2987		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)

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)



<u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

9212 Engr. A. Rehman

To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Sita ID: 44265

FIUJECI. CIMIFAN I	-Toject Sile ID. 44505			
Our Ref. No. CL/C	ED/ 7964	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2047	Dated:	23/3/2025	( BS 1881-116 )

## **COMPRESSION TEST REPORT**

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

Specimens received on: 07/04/2025				2025	Tested on:	11/04/2025 in dry/wet condition			Ē	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	Pier Fndn + ODU PAD (1:1.5:3)	23	2	2025	6x6x6		8.6	36	77	4791		Non Engraved
2	Pier Fndn + ODU PAD (1:1.5:3)	23	2	2025	6x6x6		8.6	36	26	1618		Non Engraved
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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 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.



ORIGINAL

To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Site ID: 44546

FIOJECI. OWFAR	10ject Site ID. 44540			
Our Ref. No. CL/C	ED/ 7965	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2046	Dated:	19/3/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	07	/04/2	2025	Tested on:	11/04	1/2025	in dry/wet	t condition		Ċ	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	Pier Fndn + ODU PAD (1:1.5:3)	20	2	2025	6x6x6		8.2	36	52	3236		Non Engraved
2	Pier Fndn + ODU PAD (1:1.5:3)	20	2	2025	6x6x6		7.4	36	33	2053		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)

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.



the report has been retained in the lab for record.

9212

ORIGINAL A carbon copy for

Engr. A. Rehman

To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Sita ID: 44522

FIUJECI. CIVIFAN	Project Sile ID. 44552			
Our Ref. No. CL/C	CED/ 7966	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/CMPAK/2045	Dated:	02/03/2025	(BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 07/04/2025				2025	Tested on: 11/04/2025		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	Pier Fndn + ODU PAD (1:1.5:3)	2	2	2025	6x6x6		8.4	36	60	3733		Non Engraved
2	Pier Fndn + ODU PAD (1:1.5:3)	2	2	2025	6x6x6		8.2	36	52	3236		Non Engraved
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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 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.



To: CM Engineering (Pvt) Ltd Quaid-e-Azam Town College Road, Lahore.

Drainati CMDAK Drainat Sita ID: 44525

Our Ref. No. CL/C	CED/ 7967	Dated:	11/04/2025	Test Specification						
Your Ref. No.	CME/Cubes/CMPAK/2041	Dated:	22/03/2025	( BS 1881-116 )						

## **COMPRESSION TEST REPORT**

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

Specime	ens received on:	07	/04/2	2025	Tested on:	11/04	1/2025	in dry/wet	condition		Ü	1623646
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	Pier Fndn + ODU PAD (1:1.5:3)	15	3	2025	6x6x6		8.2	36	40	2489		Non Engraved
2	Pier Fndn + ODU PAD (1:1.5:3)	15	3	2025	6x6x6		8	36	58	3609		Non Engraved
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Witnessed by:												

### 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.





Project: Tawal Project Site ID: TWPCSD0002

Our Ref. No. CL/C	ED/ 7968	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/Tawal/2044	Dated:	05/03/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 07/04/2025		2025	Tested on:	11/04/2025 in dry/wet co		t condition	condition					
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	Col. Foundation (1:1.5:3)	26	2	2025	6x6x6		8	36	44	2738		Engraved
2	Col. Foundation (1:1.5:3)	26	2	2025	6x6x6		8	36	30	1867		Engraved
3												
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5						GINE	RING					
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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 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)



Project: CMPAK Project Site ID: TWPCSD0002

-	-			
Our Ref. No. CL/C	CED/ 7969	Dated:	11/04/2025	Test Specification
Your Ref. No.	CME/Cubes/Tawal/2043	Dated:	03/03/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 07/04/2025		2025	Tested on:	11/04/2025		in dry/wet condition			Ċ			
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	Raft Foundation (1:1.5:3)	24	2	2025	6x6x6		8.2	36	40	2489		Engraved
2	Raft Foundation (1:1.5:3)	24	2	2025	6x6x6		8	36	24	1493		Engraved
3												
4												
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Vitnessed 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.

Supervisor (Lab)

A LIBRON		Plain and Reinforced Co Civil Engineering De University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	oncrete Labor partment ogy, Lahore. Pakistan Mobile: 0307-049689	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
					9220 Engr. A. Rehman
To:	Mr. Roai Manage	id Mumtaz r Civil Department, Nishat Mills Limited			
	Project: (Slab &	Construction of Compressor Room U-29, 22 Km Beam 1-4/A-C)	off Ferozepur Road, 5-kr	n Nishat Avenue Laho	re
	Our Ref.	. No. CL/CED/ 7970	Dated:	11/04/2025	Test Specification

07/04/2025

(BS 1881-116)

Your Ref. No. Nil

## **COMPRESSION TEST REPORT**

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

Specimens received on: 08/04/2025		2025	Tested on:	11/04/2025		in dry/wet condition						
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	C-20	29	3	2025	6x6x6		8.4	36	49	3049		Non Engraved
2	C-20	29	3	2025	6x6x6		8.4	36	50	3111		Non Engraved
3	C-20	29	3	2025	6x6x6		8	36	45	2800		Non Engraved
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6					)		2.07 D					
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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

 $\underline{\textbf{Note:}}$  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.

Contraction of the second s		Plain and Reinforced Co Civil Engineering Deg University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	oncrete Labor partment ogy, Lahore. Pakistan Mobile: 0307-049689	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
То:	Mr. Roai Manage	id Mumtaz r Civil Department, Nishat Mills Limited			9220 Engr. A. Rehman
	Project: (Columr Our Ref.	Construction of Compressor Room U-29, 22 Km n FFL to Slab, 1-4/A-C) . No. CL/CED/ 7971	off Ferozepur Road, 5-kr Dated:	n Nishat Avenue Laho 11/04/2025	re <u>Test Specification</u>
	Your Re	f. No. Nil	Dated:	07/04/2025	(BS 1881-116)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 08/04/2025		2025	Tested on:	11/04/2025		in dry/wet condition						
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	C-30	24	2	2025	6x6x6		8.6	36	79	4916		Non Engraved
2	C-30	24	2	2025	6x6x6		8.6	36	85	5289		Non Engraved
3	C-30	24	2	2025	6x6x6		8.6	36	79	4916		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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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

 $\underline{\textbf{Note:}}$  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: Mr. Riaz Ahmed

Riaz Construction Company

Project: Construction of TCF High School Karankay Cantt Area Lahore

Our Ref. No. CL/CED/ 7972	Dated:	11/04/2025	Test Specification
Your Ref. No. Nil	Dated:	08/04/2025	( BS 1881-116 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 08/04/202		2025	Tested on: 11/04		/2025 in dry/wet condition							
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	FF Roof Slab (1:2:4)	12	3	2025	6x6x6		8	36	69	4293		Engraved
2	FF Roof Slab (1:2:4)	12	3	2025	6x6x6		8.4	36	62	3858		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)

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.



# Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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

9241 Engr. A. Rehman

To: Mr. M. Irbaz Khan **Ozone Construction Chemicals (Pvt) Ltd** 

Project: Nil				
Our Ref. No. CL/C	ED/ 7973	Dated:	11/04/2025	Test Specification
Your Ref. No.	Nil	Dated:	09/04/2025	( )

## **COMPRESSION TEST REPORT**

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

Specimens received on:			09/04/2025 Tested on:			11/04	/2025	in dry/wet condition				162368
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	Ozone Cem SL-300	13	3	2025	4x4x4		2	16	15.5	2170		Non Engraved
2	Ozone Cem SL-300	13	3	2025	4x4x4		1.8	16	15	2100		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)

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.



# 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.

9241 Engr. A. Rehman

To: Mr. M. Irbaz Khan **Ozone Construction Chemicals (Pvt) Ltd** 

Project: Nil			
Our Ref. No. CL/CED/ 7974	Dated:	11/04/2025	Test Specification
Your Ref. No. Nil	Dated:	09/04/2025	( )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	09	/04/2	2025	Tested on:	11/04	4/2025	in dry/wet	condition		Ü	jesues
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	Ozone Cem SL-300 Terrazzo	13	3	2025	4x4x4		2	16	32	4480		Non Engraved
2	Ozone Cem SL-300 Terrazzo	13	3	2025	4x4x4		2	16	35	4900		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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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

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



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

9153 Dr. M. Yousaf

#### To: **Assistant Engineer**

LG & CD Department, Civil Sub Division Kasur

Project: Construction of PCC/ Soling/ Culverts/ Drainage at Bhopy Wal Adjoining Abadies Tehsil Pattoki

Our Ref. No. CL/CE	D/ 7975	Dated	: 11/04/2025	Test Specification
Your Ref. No.	AE(LG&CD)-2025/42	Dated	: 13/3/2025	( )

### **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	2	0/3/2	025	Tested on:	11/04	4/2025	in dry/wet condition				
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	S				8.8 x 4.3 x 3		2850	37.84	35	2072		
2	S				8.7 x 4.3 x 2.9		3070	37.41	38	2275		
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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

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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.





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

9221 Engr. A. Rehman

Test Specification (----)

Mr. Abid Azim Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd										
Project: Rehabilitation / Improvement of Street Pavement, Sewerag Zone MCL.	ge / Drainage U	C 10, 11, 12, 13, 14 Ravi								
Our Ref. No. CL/CED/ 7976-1 of 2	Dated:	11/04/2025								
Your Ref. No. 4084/103/LDP/Ravi/04/268	Dated:	11/03/2025								

### **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	08/04/2025 T		025	Tested on:	11/04/2025		in dry/wet condition				
Sr. No. Mark*		Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4		2865	29.64	115	8691		
2	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4		2760	29.64	107	8086		
3	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4		2750	29.64	91	6877		
4	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4		2890	29.64	112	8464		
5	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4	GINE	2875	29.64	109	8238		
6	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4		2845	29.64	111	8389		
7	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4	THE NAME	-2830	29.64	117	8842		
8	Rectangular, Grey, 60 mm				7.8 x 3. <mark>8 x 2.4</mark>		2715	29.64	111	8389		
9		-		1	H							
10		-		1	-		R					
11		-		1		1						
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Witness	ed by:											

To:

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)
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To:

# Plain and Reinforced Concrete Laboratory

**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.

9221 Engr. A. Rehman

Test Specification

Mr. Abid Azim			
Resident Enginee	er, Highways & Transportation Engineering Di	ivision, NESPAK (P	vt) Ltd
Project: Rehabilit Zone MCL	ation / Improvement of Street Pavement, Sew	verage / Drainage U	C 10, 11, 12, 13, 14 Ravi
Our Ref. No. CL/0	ED/ 7976-2 of 2	Dated:	11/04/2025
Your Ref. No.	4084/103/LDP/Ravi/04/268	Dated:	11/03/2025

## **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	08	/04/2	2025	Tested on:	11/04	/2025	in dry/wet	condition			16238495
Sr. No. Mark*		Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	мм	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4		2820	29.64	91	6877		
2	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4		2865	29.64	110	8313		
3	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4		2675	29.64	108	8162		
4	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4		2745	29.64	109	8238		
5	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4	EINE	2805	29.64	107	8086		
6	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4	READ IN	2700	29.64	106	8011		
7	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4	THE NAME OF THY LORD WHO	-2865	29.64	85	6424		
8	Rectangular, Red, 60 mm		-		7.8 x 3. <mark>8 x 2.4</mark>	Le Chies	2695	29.64	102	7709		
9	Rectangular, Red, 60 mm		-		7.8 x 3.8 x 2.4		2765	29.64	97	7331		
10	Rectangular, Red, 60 mm		-		7.8 x 3.8 x 2.4		2750	29.64	104	7860		
11	Rectangular, Red, 60 mm		-		7.8 x 3.8 x 2.4		2905	29.64	110	8313		
12	Rectangular, Red, 60 mm		-		7.8 x 3.8 x 2.4		2730	29.64	103	7784		
13	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4		2690	29.64	110	8313		
14	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4		2760	29.64	99	7482		
15	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4		2785	29.64	95	7179		
16	Rectangular, Red, 60 mm				7.8 x 3.8 x 2.4		2765	29.64	106	8011		
Witness	ed by:											

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

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

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.





# Plain and Reinforced Concrete Laboratory

**Civil Engineering Department** 

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

9252 Engr. A. Rehman

To: Mr. Muhammad Saleem Tehsil Burewala, District Vehari.

Project: Nil				
Our Ref. No. CL/C	ED/ 7977	Dated:	11/04/2025	Test Specification
Your Ref. No.	Nil	Dated:	Nil	( )

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	11	/04/2	2025	Tested on:	11/04	/2025	in dry/wet	t condition		Ē	icesses
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3620	29.64	101	7633		
2	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3610	29.64	118	8918		
3	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3610	29.64	105	7935		
4	Rectangular, Grey, 80 mm				7.8 x 3.8 x 3		3720	29.64	89	6726		
5	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4	GINE	2755	29.64	99	7482		
6	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4	READ IN	2675	29.64	111	8389		
7	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.4	THE NAME	-2670	29.64	87	6575		
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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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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.