

**Civil Engineering Department** 

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

8597 Dr. Qasim Khan

To: Mr. Sameer Ahmad

Bin Basra Associates, Raiwind Road, Lahore.

Project: 421 G4 Johar Town, Lahore.			
Our Ref. No. CL/CED/ 6983	Dated:	1/8/2025	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/7/20	)25	Tested on:	1/8/	2025	in dry/we	t condition		Ē	je ster
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(4000 Psi)	30	12	2024	6Diax12		13.6	28.28	56	4436		Non Engraved
2	(4000 Psi)	30	12	2024	6Diax12		14	28.28	48	3802		Non Engraved
3	(4000 Psi)	30	12	2024	6Diax12		14	28.28	54	4277		Non Engraved
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Witness	sed by: Nil											

### Witnessed by: Nil

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

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

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

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

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

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

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



**Civil Engineering Department** 

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

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

> 8560 Dr. Umbreen

To: Mr. Sulman

Material Manager, BH Consultants

Project: 4-Storey Commercial Building Construction (Frame Structure), E1-Block, Valancia Society, Lahore.

Our Ref. No. CL/	'CED/ 6984	Dated:	1/8/2025	Test Specification
Your Ref. No.	Request # 008	Dated:	1/1/2025	(ASTM C39)

# COMPRESSION TEST REPORT



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

Specim	ens received on:	1	/1/20	)25	Tested on:	1/8/	2025	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(4000 Psi) (1:1.5:3)	26	12	2024	6Diax12		14	28.28	55	4356		Non Engraved
2	(4000 Psi) (1:1.5:3)	26	12	2024	6Diax12		14	28.28	89	7050		Non Engraved
3	(4000 Psi) (1:1.5:3)	26	12	2024	6Diax12		14	28.28	56	4436		Non Engraved
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Witnessed by: Nil												

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

> 8600 Dr. Umbreen

**Test Specification** 

(----)

### Sub Divisional Officer Public Health Engineering Sub Division, Okara. Project: Provision of Sewerage Scheme alongwith Tuff Tile, Water Supply, Ward No.21 to 30 District Okara. (Contractor: M/S Abdul Qudus Const., Govt: Contractor) Our Ref. No. CL/CED/ 6985 Dated: 1/8/2025

Your Ref. No. 105/ok

To:

# **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	/8/20	25	Tested on:	1/8/	2025	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 60mm				7.7 x 3.8 x 2.3		2840	29.26	44	3368		Innovative Concrete Lhr
2	Rectangular, Red, 60mm				7.7 x 3.8 x 2.3		2735	29.26	36	2756		Innovative Concrete Lhr
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Witness	ed by:											

Dated:

12/10/2024

#### Witnessed by:

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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



8602 Dr. Umbreen

То:	Engr. Haseeb Afz Project Manager	zal , HMB Developers Pvt. Ltd			
	Project: Commer C~D,E'~F'/1~3)	rcial Tower, Finance Trade Centre, Lahore (1	0th Floor Columns A'~	G/1~4' & Shear W	all
	Our Ref. No. CL/	CED/ 6986	Dated:	1/8/2025	Test Specification
	Your Ref. No.	HMBDPL/S.O/01/25/160 (LHR)	Dated:	1/7/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	/8/20	)25	Tested on:	1/8/	2025	in dry/wet	condition			
Sr. No.	Mark*	Cas DD		Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	CT-173 (5000 Psi)	7	12	2024	6Diax12		14	28.28	68	5386		Non Engraved
2	CT-173 (5000 Psi)	7	12	2024	6Diax12		14.2	28.28	67	5307		Non Engraved
3	CT-173 (5000 Psi)	7	12	2024	6Diax12		14.2	28.28	60	4752		Non Engraved
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### Witnessed by: HMBD, CNIC # 33103-0209597-3

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### Director/Dy. Director Concrete Laboratory



**Civil Engineering Department** 

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8603 Dr. Umbreen

To: Material Engineer STRONG READY MIX, Lahore.

Project: Construction of Nice Chain Sunder Estate Lahore.

Our Ref. No. CL/CED/ 6987	Dated:	1/8/2025	Test Specification
Your Ref. No. CBT/UET/09	Dated:	1/7/2025	( BS 1881-116 )

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	/8/20	)25	Tested on:	1/8/	2025	in dry/wet	t condition		Ē	]&&####</th></tr><tr><td>Sr. No.</td><td>Mark*</td><td>Cas DD</td><td>-</td><td>Date*</td><td>Size (in)</td><td>Wet Weight (Ka/ ams)</td><td>Dry Weight (Kg/ gms)</td><td>Area of X-Section (Sq. in)</td><td>Ultimate load (Imp.Tons)</td><td>Ultimate Stress (psi)</td><td>Water Absorpti on (%)</td><td>Remarks</td></tr><tr><td>1</td><td>Slab (4000 Psi)</td><td>20</td><td>12</td><td>2024</td><td>6x6x6</td><td></td><td>8.8</td><td>36</td><td>86</td><td>5351</td><td></td><td>Non Engraved</td></tr><tr><td>2</td><td>Slab (4000 Psi)</td><td>20</td><td>12</td><td>2024</td><td>6x6x6</td><td></td><td>8.8</td><td>36</td><td>87</td><td>5413</td><td></td><td>Non Engraved</td></tr><tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td>-</td><td>THE</td><td>RING</td><td></td><td></td><td>-</td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td>-</td><td>READIN</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td>OF THY HORD WHO OREATES</td><td>ر<u>چ</u>۔ ان<del>د</del> کی خلق ر</td><td>£2</td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td>\$\} </td><td></td><td></td><td>5</td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>~</td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td> (A</td><td>IDR.</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>12</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>14</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td colspan=10>Witnessed by: Nil</td></tr></tbody></table>
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### Witnessed by: Nil

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8603 Dr. Umbreen

To: Material Engineer STRONG READY MIX, Lahore.

Project: Construction of Nice Chain Sunder Estate Lahore.

Our Ref. No. CL/CED/ 6988	Dated:	1/8/2025	Test Specification
Your Ref. No. CBT/UET/09	Dated:	1/7/2025	( BS 1881-116 )

# **COMPRESSION TEST REPORT**



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

Specime	ens received on:	1	/8/20	)25	Tested on:	1/8/	2025	in dry/wet	condition		Ü	jčeneg
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1	Slab (4000 Psi)	8	11	2024	6x6x6		9	36	87	5413		Non Engraved
2	Slab (4000 Psi)	8	11	2024	6x6x6		8.8	36	62	3858		Non Engraved
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8566 Dr. Umbreen

To: Mr. Muhammad Imran Senior Project Manager, IDAP, Lahore

Project: Nil				
Our Ref. No. CL/0	CED/ 6989	Dated:	1/8/2025	Test Specification
Your Ref. No.	SPM(NETZERO)/IDAP/2024/21185	Dated:	1/2/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	/2/20	)25	Tested on:	1/8/	2025	in dry/wet condition				jeskeg
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		5	12	2024	6Diax12		13.2	28.28	66	5228		Non Engraved
2		5	12	2024	6Diax12		14.6	28.28	66	5228		Non Engraved
3		5	12	2024	6Diax12		14	28.28	72	5703		Non Engraved
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### Witnessed by:

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

> 8571 Dr. Umbreen

#### To: Sub Divisional Officer

Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators from RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) at H/R RD. 266+000/L Downstream Stilling Basin/ Cistern Right Side Wall (H/C 8ft) Our Ref. No. CL/CED/ 6990 1/8/2025 Dated: Test Specification Your Ref. No. 05/Camp Dated: 1/3/2025

## **COMPRESSION TEST REPORT**

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



(ASTM C39)

Specime	ens received on:	1	/3/20	)25	Tested on:	1/8/	2025	in dry/we	t condition			
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	266+000/L	7	12	2024	6Diax12		13.6	28.28	48	3802		Non Engraved
2	(1:1.45:2.20) 266+000/L (1:1.45:2.20)	7	12	2024	6Diax12		13.6	28.28	44	3485		Non Engraved
3	266+000/L (1:1.45:2.20)	7	12	2024	6Diax12		13.8	28.28	56	4436		Non Engraved
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> 8565 Dr. Umbreen

#### To: Sub Divisional Officer

Ravi Syphon Sub Division, Batapur, Lahore

Project: Construction of Gated Head Regulators from RD. 205+000 to 283+000 of BRBD Link Canal (Package-C) at H/R RD. 266+000/L Downstream Stilling Basin/ Cistern Right Side Wall (H/C 8ft) Our Ref. No. CL/CED/ 6991 1/8/2025 Dated: **Test Specification** Dated: 12/31/2024

1/8/2025

in dry/wet condition

Your Ref. No. 03/Camp

Specimens received on: 1/2/2025 Tested on:

### COMPRESSION TEST REPORT

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



(ASTM C39)

Specific	ens received on.		12120	125	rested on.	1/0/	2025	In ary/we	Condition		L	icente <i>ri</i> o
Sr. No.	Mark*		-	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	266+000/L (1:1.45:2.20)	4	12	2024	6Diax12		14	28.28	60	4752		Non Engraved
2	266+000/L (1:1.45:2.20)	4	12	2024	6Diax12		14	28.28	60	4752		Non Engraved
3	266+000/L (1:1.45:2.20)	4	12	2024	6Diax12		14	28.28	52	4119		Non Engraved
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**Civil Engineering Department** 

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

8575 Dr. Umbreen

#### To: Engr. Hamza

Specimens received on:

Site Engineer, Pakistan Associated Constructions (Pvt) Ltd.

Project: Commercial Building at Plot No. 6C and 7Q, Block Q, Gulberg-II, Lahore (Commercial Building Plan-Total No. of Floors=14, Height of the Building = +190) Our Ref. No. CL/CED/ 6992-1 of 2 Dated: 1/8/2025 Dated: 27/11/2024

1/8/2025

in dry/wet condition

Your Ref. No. 0683944-4

# COMPRESSION TEST REPORT



Tested on:

1/3/2025



Remarks

Non Engraved Non Engraved Non Engraved

**Test Specification** 

Sr. No.	Mark*	Cas	sting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)
1	5000 Psi	10	10	2024	6Diax12		13.8	28.28	84	6653	
2	5000 Psi	10	10	2024	6Diax12		13.6	28.28	66	5228	
3	5000 Psi	12	10	2024	6Diax12		13.4	28.28	62	4911	
4	5000 Psi	12	10	2024	6Diax12		14	28.28	64	5069	
5	5000 Psi	16	10	2024	6Diax12	THINE	13.8	28.28	110	8713	
6	5000 Psi	16	10	2024	6Diax12	KEAU N	14	28.28	83	6574	

4	5000 Psi	12	10	2024	6Diax12		14	28.28	64	5069	 Non Engraved
5	5000 Psi	16	10	2024	6Diax12	THINE	13.8	28.28	110	8713	 Non Engraved
6	5000 Psi	16	10	2024	6Diax12		2014	28.28	83	6574	 Non Engraved
7	5000 Psi	18	10	2024	6Diax12	OF THY UGRD WHO CREATES	14 زېچې 14 خلق ز	28.28	83	6574	 Non Engraved
8	5000 Psi	18	10	2024	6Diax12		13.6	28.28	87	6891	 Non Engraved
9	4000 Psi	24	10	2024	6Diax12	10-	14	28.28	73	5782	 Non Engraved
10	4000 Psi	24	10	2024	6Diax12	-LA	<b>N</b> 14	28.28	72	5703	 Non Engraved
11	4000 Psi	24	10	2024	6Diax12		14	28.28	70	5545	 Non Engraved
12	4000 Psi	24	10	2024	6Diax12		13.6	28.28	70	5545	 Non Engraved
13	5000 Psi	27	10	2024	6Diax12		13.8	28.28	76	6020	 Non Engraved
14	5000 Psi	27	10	2024	6Diax12		13.4	28.28	74	5861	 Non Engraved
15											 
16											 

### 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 comprerssive strength

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

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

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



**Civil Engineering Department** 

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

8575 Dr. Umbreen

To: Engr. Hamza

Site Engineer, Pakistan Associated Constructions (Pvt) Ltd.

Project: Commercial Building at Plot No. 6C and 7Q, Block Q, Gulberg-II, Lahore (Commercial Building Plan-Total No. of Floors=14, Height of the Building = +190) Our Ref. No. CL/CED/ 6992-2 of 2 Dated: 1/8/2025 Dated: 27/11/2024

Your Ref. No. 0683944-4

# COMPRESSION TEST REPORT



**Test Specification** 

(ASTM C39)

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

Specim	ens received on:	1/3/2025 Tested on:		1/8/2025 i		in dry/wet condition			Ü	jesseg		
Sr. No.	Mark*	Cas DD	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5000 Psi	1	11	2024	6Diax12		14	28.28	76	6020		Non Engraved
2	5000 Psi	1	11	2024	6Diax12		14.4	28.28	115	9109		Non Engraved
3	5000 Psi	1	11	2024	6Diax12		14	28.28	68	5386		Non Engraved
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6					-	READ N	2071					
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Witness	itnessed 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)



**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.

> 8547 Dr. Mazhar

To: Mr. M. Faiz Ahmad Civil Engineer, CTE Pvt. Ltd

Project: Relocation & Enhancement of Wagha Border Flagpole (Pakistan Rangers Punjab)

Our Ref. No. CL/	'CED/ 6993	Dated:	1/8/2025	Test Specification
Your Ref. No.	CTE/PRP/RFPWB/0006	Dated:	31/12/2024	(ASTM C39)

-

# **COMPRESSION TEST REPORT**



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

Specimens received on: 31/12			/12/2	2024	Tested on:	1/7/	2025	in dry/wet	t condition		Ū	je skerg
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	22	12	2024	6Diax12		14	28.28	60	4752		Engraved
2	4000 Psi	22	12	2024	6Diax12		14	28.28	54	4277		Engraved
3	4000 Psi	22	12	2024	6Diax12		14	28.28	52	4119		Engraved
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Witness	tnessed 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 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)



**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.

8520 Dr. M. Mazhar

To: Mr. Muhammad Sajjad **Project Incharge** 

Project: Construction of House No. 60, C Block Model Town Lahore.

Our Ref. No. CL/CED/ 6994	Dated:	8/1/2025	Test Specification
Your Ref. No. Nil	Dated:	27/12/2024	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimens received on: 27/12				2024	Tested on:			in dry/wet condition			Ü	j2238296
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4th Floor V. Col. +Sh. Wall 4000 Psi	13	12	2024	6Diax12		14	28.28	52	4119		Non Engraved
2	4th Floor V. Col. +Sh. Wall 4000 Psi	13	12	2024	6Diax12		14	28.28	58	4594		Non Engraved
3	4th Floor V. Col. +Sh. Wall 4000 Psi	13	12	2024	6Diax12		14	28.28	60	4752		Non Engraved
4	4th Floor V. Col. +Sh. Wall 4000 Psi	14	12	2024	6Diax12		13.4	28.28	70	5545		Non Engraved
5	4th Floor V. Col. +Sh. Wall 4000 Psi	14	12	2024	6Diax12	TUR	RI/14	28.28	70	5545		Non Engraved
6	4th Floor V. Col. +Sh. Wall 4000 Psi	14	12	2024	6Diax12	KEAU IN	2.14	28.28	68	5386		Non Engraved
7	4th Floor Lift Rtng & Sh.Wall 4000Psi	17	12	2024	6Diax12	OF THY CORD WHO OREATES	<b>14</b> المجلس المجلس الم	28.28	60	4752		Engraved
8	4th Floor Lift Rtng & Sh.Wall 4000Psi	17	12	2024	6Diax12		13.8	28.28	54	4277		Engraved
9	4th Floor Lift Rtng & Sh.Wall 4000Psi	17	12	2024	6Diax12	25	13.6	28.28	46	3644		Engraved
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16		-										
Witness	sed 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 compressive strength

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

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

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



**Civil Engineering Department** 

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.

8541 Dr. M. Mazhar

### To: Mr. Salman Nabeel

SINACO ENGINEERS (PVT) LIMITED, Lahore

 Project: Construction of Foundation, Offices and Compound for Bio Mass at Pakistan Tobacco Company

 Factory, Jehlum.

 Our Ref. No. CL/CED/
 6995

 Your Ref. No.
 00642-2024

 Dated:
 31/12/2024

## **COMPRESSION TEST REPORT**



**Test Specification** 

(ASTM C39)

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

Specim	Specimens received on: 31/12/2				Tested on:	1/7/	2025	in dry/wet	t condition		Ü	jesues
Sr. No.	Mark*		•	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	ST-1 Foundation (3750 Psi)	16	11	2024	6Diax12		14	28.28	54	4277		Non Engraved
2	ST-1 Foundation (3750 Psi)	16	11	2024	6Diax12		13.8	28.28	42	3327		Non Engraved
3	ST-1 Foundation (3750 Psi)	16	11	2024	6Diax12		13.6	28.28	68	5386		Non Engraved
4												
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13												
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16												
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.

Supervisor (Lab)



**Civil Engineering Department** 

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

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

8556 Dr. M. Mazhar

#### To: Mr. Zohaib Mehmmod

Executive Engineer (HQ) Auqaf Punjab Lahore

Project: Testing of Concrete Cylinder (28 days age) RCC 1:2:4 Slab for the Work of Construction of Market at Waqaf Land attached of Shrine Hazarat Shah Kamal (R.A.) Lahore. Our Ref. No. CL/CED/ 6996 Dated: 1/8/2025 Dated: Nil

Your Ref. No. II-LZ-DP (932).A/2023

### COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	ens received on:	1	/1/20	25	Tested on:	1/7/	2025	in dry/we	t condition		Ü	je star
Sr. No.	Mark*		-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	R.C.C Slab (1:2:4)	1	9	2024	6Diax12		14.6	28.28	79	6257		Non Engraved
2	R.C.C Slab (1:2:4)	1	9	2024	6Diax12		14	28.28	40	3168		Non Engraved
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4												
5					-	WHINE	RING					
6						READ N	207					
7						OF THY -CORD WHO OREATES	زیک ان کی خلق ر	2				
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15												
16												
Witness	/itnessed by:											

#### witnessea by:

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

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

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

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

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

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

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

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



**Civil Engineering Department** 

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

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

8556 Dr. M. Mazhar

#### To: Mr. Zohaib Mehmmod

Executive Engineer (HQ) Auqaf Punjab Lahore

Project: Testing of Concrete Cylinder (28 days age) RCC 1:2:4 Slab for the Work of Construction of Market at Waqaf Land attached of Shrine Hazarat Shah Kamal (R.A.) Lahore Our Ref. No. CL/CED/ 6997 Dated: 1/8/2025 Dated: Nil

Your Ref. No. II-LZ-DP (932).A/2023

### COMPRESSION TEST REPORT



Test Specification

(ASTM C39)

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

Specim	ens received on:	1	/1/20	25	Tested on:	1/7/	2025	in dry/we	t condition		Ü	jesseg
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	R.C.C Plinth Beam (1:2:4)	11	7	2024	6Diax12		13.6	28.28	74	5861		Non Engraved
2	R.C.C Plinth Beam (1:2:4)	11	7	2024	6Diax12		14	28.28	46	3644		Non Engraved
3												
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5						NHINE	RING					
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Witness	Witnessed by:											

#### witnessea by:

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

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

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

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

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

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

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

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



**Civil Engineering Department** 

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

8563 Dr. M. Azhar

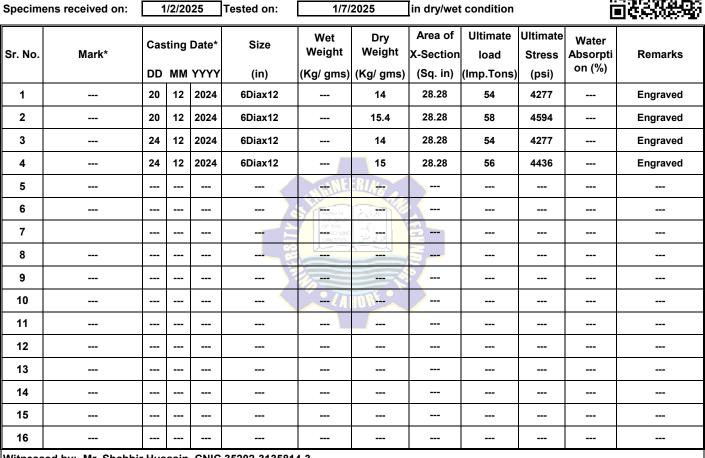
To: Mr. Mahbub Ur Rehman Project Manager, 7Canal Developers, Gulberg 2, Lahore

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 6998	Dated:	1/8/2025	Test Specification
Your Ref. No. Nil	Dated:	1/2/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**

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



Witnessed by: Mr. Shabbir Hussain, CNIC 35202-3135814-3

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

1.  $^{\star}$  as engraved on the specimens (if any)

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

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

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

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

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



**Civil Engineering Department** 

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

8573 Dr. M. Azhar

To: Mr. Mahbub Ur Rehman Project Manager, 7Canal Developers, Gulberg 2, Lahore

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 6999	Dated:	1/8/2025	Test Specification
Your Ref. No. Nil	Dated:	1/3/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**

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



Witnessed by: Mr. Shabbir Hussain, CNIC 35202-3135814-3

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

1.  $^{\star}$  as engraved on the specimens (if any)

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

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

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

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

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



**Civil Engineering Department** 

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

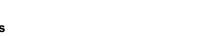
8585 Dr. M. Azhar

To: Mr. Mahbub Ur Rehman Project Manager, 7Canal Developers, Gulberg 2, Lahore

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CED/ 7000	Dated:	1/8/2025	Test Specification
Your Ref. No. Nil	Dated:	1/6/2025	(ASTM C39)

# **COMPRESSION TEST REPORT**





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

Specimens received on:			/6/20	25	Tested on: 1/7		//2025 in dry/we		/wet condition			jeste g
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		31	12	2024	6Diax12		15.4	28.28	56	4436		Engraved
2		31	12	2024	6Diax12		16	28.28	54	4277		Engraved
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14												
15												
16												
Witnessed by: Mr. Shabbir Hussain, CNIC 35202-3135814-3												

Witnessed by: Mr. Shabbir Hussain, CNIC 35202-3135814-3

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)

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)



**Plain and Reinforced Concrete Laboratory Civil Engineering Department** 

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

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

> 8586 Dr. Umbreen

To: Lt. Col. (R) Muhammad Ibrahim Senior Estate Engineer, Sundar Industrial Estate, Raiwind Lahore

Project: Tender of Pump House (Rehabilitation of OHWT #01)

Our Ref. No. CL/CED	0/ 7001	Dated:	1/8/2025	Test Specification
Your Ref. No. E	SOM/SIE/BCD/12.24/379	Dated:	26/12/2024	(BS 1881-116)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	1	/6/20	)25	Tested on:	1/8/	2025	in dry/we	t condition		Ü	j&&&&#</th></tr><tr><td>Sr. No.</td><td>Mark*</td><td>Cas</td><td>-</td><td>Date*</td><td>Size (in)</td><td>Wet Weight</td><td>Dry Weight (Kg/ gms)</td><td>Area of X-Section (Sq. in)</td><td>Ultimate Ioad (Imp.Tons)</td><td>Ultimate Stress (psi)</td><td>Water Absorpti on (%)</td><td>Remarks</td></tr><tr><td>1</td><td>Roof Slab (1:2:4)</td><td>31</td><td>10</td><td>2024</td><td>6x6x6</td><td>(rtg/ giiis) </td><td>(rtg/ gills) 8.2</td><td>36</td><td>52</td><td>3236</td><td></td><td>Engraved</td></tr><tr><td>2</td><td>Roof Slab (1:2:4)</td><td>31</td><td>10</td><td>2024</td><td>6x6x6</td><td></td><td>8.6</td><td>36</td><td>60</td><td>3733</td><td></td><td>Engraved</td></tr><tr><td>3</td><td>(1:1.5:3)</td><td>21</td><td>11</td><td>2024</td><td>6x6x6</td><td></td><td>8.6</td><td>36</td><td>62</td><td>3858</td><td></td><td>Engraved</td></tr><tr><td>4</td><td>(1:1.5:3)</td><td>21</td><td>11</td><td>2024</td><td>6x6x6</td><td></td><td>8.4</td><td>36</td><td>78</td><td>4853</td><td></td><td>Engraved</td></tr><tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td>NHNE</td><td>RING</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td>READ IN</td><td>2071</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td>OF THY GRO WHO OREATES</td><td>ریجب اندنی خلق ر</td><td>i FCH</td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td>S.R. 1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>~</td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td>-</td><td></td><td>DRE</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>12</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>14</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Witness</td><td colspan=11>Witnessed by:</td></tr></tbody></table>
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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)



**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.

> 8481 Dr. Umbreen

To: Engr. Ghulam Rasool

 Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

 Project: Rehabilitation / Improvement of Streets (P.C.C.) SEWERAGE / DRAINAGE UC-254, Nishter Zone MCL,

 Lahore.

 Our Ref. No. CL/CED/
 7002

 Dated:
 1/8/2025

 Your Ref. No.
 103/LDP/NZ/04/25

 Dated:
 18/12/2024

 (BS 3921\*\*)

# **COMPRESSION TEST REPORT**



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

Specimens received on:			23/12/2024 Tested on:		1/8/2025		in dry/wet condition					
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	ABC				8.8 x 4.3 x 3	3525	3025	37.84	44	2605	16.53	
2	ABC				8.8 x 4.2 x 3	3390	2940	36.96	44	2667	15.31	
3	ABC				8.7 x 4.1 x 2.9	3405	3015	35.67	48	3014	12.94	
4	ABC				8.6 x 4.2 x 2.9	3350	2990	36.12	46	2853	12.04	
5	ABC				8.6 x 4.1 x 2.9	3425	2975	35.26	48	3049	15.13	
6					).	READ IN	2021					
7						OF THY GRATES	ریجے۔ اندکی خلق ر	133				
8					583 						-	
9						20		~			-	
10							IDR				-	
11												
12											-	
13												
14												
15												
16												
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.

Supervisor (Lab)