

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.

> 5342 Dr. Umbreen

To: Mr. Ajmal Aslam

Sandha Khurd, Lahore.

Our Ref. No. CL/CED/ 2091

Project: Construction of Basement Bahria Town.

1 Toject. Construction of Basement Banna Town.

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

Dated:

06-06-23

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-06-23 Tested on: 06-06-23 in dry/wet condition



**Test Specification** 



Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		8	5	2023	6Diax12		13.4	28.28	(iiiip. i oiis) 53	(psi) 4198		Engraved
- '		_										
2		30	3	2023	6Diax12		13.2	28.28	52	4119		Engraved
3												
4												
5					/	TETNE	RINE					
6						READIN						
7						DHE NAME OF THY LIGHT WHO	199	E -				
8					es							
9							1					
10						· LA	HORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5325 Dr. Aqsa

To: Mr. Muhammad Haider

Resident Engineer, VELOSI INTEGRITY & SAFETY PAKISTAN (Pvt) Ltd.

Project: Detailed Design & Resident Supervision of Regional Campuses for Allama Iqbal Open University,

Sargodha.

Our Ref. No. CL/CED/ 2092

Dated: 06-06-23

**Test Specification** 

Your Ref. No. VISP/RC/SRG-09

Dated: 26-05-23

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Raft Footing (3750 Psi)	29	4	23	6x6x6		8.2	36	61	3796		Engraved
2	Raft Footing (3750 Psi)	29	4	23	6x6x6		8.4	36	59	3671		Engraved
3	Raft Footing (3750 Psi)	29	4	23	6x6x6		8.2	36	59	3671		Engraved
4												
5					/	CTME	RIATE					
6						READ IN	200					
7						DHE NIGGE OF THY LIDRO WHO	- St					
8					es							
9												
10					🤇	-LA	HORE.					
11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5330 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

**Buildings Sub Division No. 15, Lahore** 

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District,

Lahore. (Basement (i) Shear Wall, Parking Area)

3239

Our Ref. No. CL/CED/ 2093

Dated: 06-06-23

Test Specification
( ASTM C39 )

Dated: 29-05-23

#### COMPRESSION TEST REPORT

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(5000 Psi)	26	4	2023	6Diax12		13.6	28.28	78	6178		Non Engraved
2	(5000 Psi)	26	4	2023	6Diax12		13.8	28.28	91	7208		Non Engraved
3	(5000 Psi)	26	4	2023	6Diax12		13.4	28.28	83	6574		Non Engraved
4												
5					/	GINE	RING					
6						READIN	200					
7						DHE NAME OF THY LIGHT WHO	- T					
8								ONI				
9								<b></b>				
10						-LA	HORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5330 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

**Buildings Sub Division No. 15, Lahore** 

3248

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District,

Lahore.

Our Ref. No. CL/CED/ 2094

Dated: 06-06-23

Test Specification
( ASTM C39 )

Dated: 29-05-23

COMPRESSION TEST REPORT

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition





Sr. No.	r. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	2nd F. Col. Family Block, 5000 Psi	29	4	2023	6Diax12		13.6	28.28	92	7287		Non Engraved
2	2nd F. Col. Family Block, 5000 Psi	29	4	2023	6Diax12		13.6	28.28	73	5782		Non Engraved
3	2nd F. Col. Family Block, 5000 Psi	29	4	2023	6Diax12		13.4	28.28	78	6178		Non Engraved
4												
5						RIVE	RING					
6						READIN	200	X				
7						DHE NAME OF THY LIDRO WHO	- E					
8					es		100	ONI				
9						-						
10					🤇	-LA	MORE					
11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5330 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 15, Lahore** 

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District,

Lahore. (R.C.C. Raft Parking Area)

Our Ref. No. CL/CED/ 2095

Your Ref. No. 3243

Dated: 06-06-23

29-05-23

Dated:

**Test Specification** 

( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	3000 Psi	12	4	2023	6Diax12		12.4	28.28	46	3644		Non Engraved
2	3000 Psi	12	4	2023	6Diax12		13	28.28	63	4990		Non Engraved
3	3000 Psi	12	4	2023	6Diax12		13	28.28	72	5703		Non Engraved
4												
5						GINE	RING					
6						READIN	200					
7					A	DE NICE OF THY LORD WHO	- E - F - F					
8					SE			ONI				
9						<u> </u>						
10					<	-LA	HORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5330 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

**Buildings Sub Division No. 15, Lahore** 

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District,

Lahore. (Basement (i) Col. Parking Area)

Our Ref. No. CL/CED/ 2096

Dated: 06-06-23

**Test Specification** 

Dated: 29-05-23

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5000 Psi	20	4	2023	6Diax12		13.2	28.28	86	6812		Non Engraved
2	5000 Psi	20	4	2023	6Diax12		13.4	28.28	73	5782		Non Engraved
3	5000 Psi	20	4	2023	6Diax12		14	28.28	81	6416		Non Engraved
4												
5					/	GINE	RINE					
6						READIN	200					
7						DHE NAME OF THY LORD WHO	- F	<b>#</b>				
8					es	رشيا		<b>8</b> -				
9								<b>7</b>				
10						-UA	10 R .					
11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5330 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

**Buildings Sub Division No. 15, Lahore** 

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District,

Lahore. (2nd Floor Shear Wall, Family Block)

Our Ref. No. CL/CED/ 2097

Dated: 06-06-23

**Test Specification** 

Dated: 29-05-23

( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	5000 Psi	30	4	2023	6Diax12		13.6	28.28	65	5149		Non Engraved
2	5000 Psi	30	4	2023	6Diax12		13.4	28.28	77	6099		Non Engraved
3	5000 Psi	30	4	2023	6Diax12		14	28.28	85	6733		Non Engraved
4												
5						GINE	RING					
6						READIN	200					
7					A	DE NIGE OF THY LORD WHO	- E					
8					SE			ONI				
9						) <u> </u>		<b>7</b>				
10					<	"-LA	HORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5330 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 15, Lahore** 

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District,

Lahore.

Our Ref. No. CL/CED/ 2098

Dated: 06-06-23

**Test Specification** 

Your Ref. No. 3254

Dated:

29-05-23

( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition



Area of **Ultimate Ultimate** Wet Dry Water Casting Date\* Size Weight Weight Sr. No. X-Section Stress Mark\* **Absorpti** Remarks load on (%) DD MM YYYY (Sq. in) (Imp.Tons) (in) (Kg/ gms) (Kg/ gms) (psi) F.F.Col. Family 18 2023 6Diax12 28.28 1 4 72 5703 Non Engraved Block, 5000 Psi F.F.Col. Family 28.28 2 18 4 2023 6Diax12 13.4 71 5624 Non Engraved Block, 5000 Psi F.F.Col. Family 18 2023 28.28 3 4 6Diax12 13.2 70 5545 Non Engraved Block, 5000 Psi 4 ------5 6 7 ------------------8 9 10 ---11 ---------12 13 14 ------15 ------------------------------16

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5330 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

**Buildings Sub Division No. 15, Lahore** 

3256

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District,

Lahore.

Our Ref. No. CL/CED/ 2099

Dated: 06-06-23

**Test Specification** 

Dated: 29-05-23

( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	J.: (70)	
1	F.F. Slab, Family Block, 3000 Psi	21	4	2023	6Diax12		14	28.28	53	4198		Non Engraved
2	F.F. Slab, Family Block, 3000 Psi	21	4	2023	6Diax12		13	28.28	58	4594		Non Engraved
3	F.F. Slab, Family Block, 3000 Psi	21	4	2023	6Diax12		14.4	28.28	52	4119		Non Engraved
4							-					
5					/	CTINE	RINE					
6						NEAD IN						
7						DE THY LORD WHO	JE	<b>=</b>				
8					SS			ONI				
9								<b>7</b>				
10						-LA	HORE.					
11							-					
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

**ORIGINAL** 

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

> 5330 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

**Buildings Sub Division No. 15, Lahore** 

Project: Construction of Bachelor Accommodation and Judicial Rest House at Dharampura District,

Lahore. (F.F. Shear Wall, Family Block)

Our Ref. No. CL/CED/ 2100

Dated: 06-06-23

Dated:

Test Specification

29-05-23 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 02-06-23 Tested on: 06-06-23 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5000 Psi	18	4	2023	6Diax12		14	28.28	62	4911		Non Engraved
2	5000 Psi	18	4	2023	6Diax12		13.4	28.28	70	5545		Non Engraved
3	5000 Psi	18	4	2023	6Diax12		13.8	28.28	62	4911		Non Engraved
4												
5					/	GINE	RIATE					
6						READIN	200					
7						DE THY LORD WHO	- E	<b>=</b>				
8					es			<b>8</b> –				
9						),		<b>7</b>				
10					🤇	"-LA	HORE					
11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.