

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.

4310 Dr. Umbreen

To: Mr. Abdul Waheed

AZAAN City.

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 474

Nil

Dated: 29-11-22

Test Specification

Dated: 25-11-22

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/11/2022 Tested on: 28-11-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Tuff Paver, Grey, 50mm				2.0 thick		2695	39.23	86	4911		
2	Tuff Paver, Grey, 50mm				2.0 thick		2680	39.23	59	3369		
3	Tuff Paver, Red, 50mm				2.0 thick		2450	39.23	41	2341		
4	Tuff Paver, Red, 50mm				2.0 thick		2660	39.23	37	2113		
5					/	GINE	RINE					
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Witnessed by:

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

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

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



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> 4319 Dr. Aqsa

To: Mr. Muhammad Arif, Sr.QS

Your Ref. No.

For Thaheem Construction Company.

Project: AS Tower Office Building at New Garden Town, Lahore.

Our Ref. No. CL/CED/ 475 Dated: 29-11-22 <u>Test Specification</u>

Dated:

28-11-22

#### **COMPRESSION TEST REPORT**

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

TCC/UET/671

Specimens received on: 28/11/2022 Tested on: 29-11-22 in dry/wet condition



( ASTM C39 )

Sr No	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
31. NO.	Walk					_					on (%)	itelliaiks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Columns (6000 Psi)	16	11	2022	6Diax12		13.2	28.28	85	6733		Non Engraved
2	Columns (6000 Psi)	16	11	2022	6Diax12		13.2	28.28	86	6812		Non Engraved
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Witnessed by:

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> 4326 Dr. Aqsa

To: Engr. Muhammad Waqas, Project Engineer Design Matrix, Phase-8, DHA, Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 476
 Dated:
 29-11-22
 Test Specification

 Your Ref. No.
 DM/3000/GSH
 Dated:
 28-11-22
 (ASTM C39)

#### COMPRESSION TEST REPORT

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

Specimens received on: 29/11/2022 Tested on: 29-11-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		13	11	2022	6Diax12		14.2	28.28	40	3168		Non Engraved
2		13	11	2022	6Diax12		13.8	28.28	18	1426		Non Engraved
3		16	11	2022	6Diax12		14.2	28.28	43	3406		Non Engraved
4		16	11	2022	6Diax12		13.4	28.28	39	3089		Non Engraved
5		17	11	2022	6Diax12	GINE	14.2	28.28	40	3168		Non Engraved
6		17	11	2022	6Diax12	READW	14	28.28	53	4198		Non Engraved
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> 4328 Dr. Aqsa

To: Engr. Jawad Ahmad, Civil Engineer

Watersprint Limited.

Project: Construction Site at House No. 814-Z, DHA Phase-III.

 Our Ref. No. CL/CED/
 477
 Dated:
 29-11-22
 Test Specification

 Your Ref. No.
 WSL-172/GL
 Dated:
 24-11-22
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 29/11/2022 Tested on: 29-11-22 in dry/wet condition



Sr. No.	Mark*			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	Column (3750 Psi)	22	11	2022	6Diax12		13	28.28	39	3089		Non Engraved
2	Column (3750 Psi)	22	11	2022	6Diax12		12.8	28.28	30	2376		Non Engraved
3	Beam (3000 Psi)	22	11	2022	6Diax12		13	28.28	26	2059		Non Engraved
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4330 Dr.Qasim Shaukat

( ---- )

To: Capt (R) Abdul Majeed

General Manager, Admin/HR

Project: Al Hadi Textile (Pvt.) Ltd.

Our Ref. No. CL/CED/ 478 Dated: 29-11-22 <u>Test Specification</u>

Your Ref. No. Nil Dated: 28-11-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 29-11-22 Tested on: 29-11-22 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	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3415	30.42	56	4124		
2	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3635	30.42	89	6554		
3	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3465	30.42	55	4050		
4	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1		3510	30.42	80	5891		
5	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1	RINE	3475	30.42	64	4713		
6	Rectangular, Grey, 80mm				7.8 x 3.9 x 3.1	NEAD W	3430	30.42	61	4492		
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Witnessed by: Mr. Yasir Abbas, CNIC # 38301-21255456-4

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> 4321 Dr. Aqsa

**Test Specification** 

To: Mr. M. Irfan

HR Builders, 585, H3, Johar Town, Lahore

Project: 289-H2, Johar Town, Lahore.

Our Ref. No. CL/CED/ 479 Dated: 30-11-22

Your Ref. No. Nil Dated: 28-11-22 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		20	11	2022	6Diax12		13.6	28.28	57	4515		Non Engraved
2		20	11	2022	6Diax12		13.6	28.28	43	3406		Non Engraved
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Witnessed by:

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**ORIGINAL** 

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> 4317 Dr. Aqsa

To: Engr. Haseeb Afzal, PM

HMB Developers Pvt. Ltd.

Project: Commercial Tower, 10-F Finance Trade Centre Lahore.

Our Ref. No. CL/CED/ 480 Dated: 30-11-22 <u>Test Specification</u>

Your Ref. No. HMBDPL/S.O/11/22/28 (LHR) Dated: 28-11-22 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition



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 (%)	
	29	10	2022	6Diax12		13	28.28	53	4198		Non Engraved
	29	10	2022	6Diax12		13.4	28.28	69	5465		Non Engraved
	29	10	2022	6Diax12		13.2	28.28	63	4990		Non Engraved
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		Mark*  DD  29  29  29	Mark*  DD MM  29 10  29 10  29 10	DD MM YYYY 29 10 2022 29 10 2022 29 10 2022	Mark*  DD MM YYYY (in)  29 10 2022 6Diax12  29 10 2022 6Diax12	Mark*   Casting Date*   Size   Weight	Mark*	Mark*   Casting Date*   Size   Weight   Weight   X-Section   (Kg/ gms)   (Kg/ gms)   (Kg/ gms)   (Sq. in)	Mark*   Casting Date*   Size   Weight   Weight   Weight   Casting Date*   Cast	Mark*         Casting Date*         Size         Weight (Kg/gms) (Kg/gms)         X-Section (Ioad Stress (psi))         Stress (psi)            29 10 2022 6Diax12         13 28.28 53 4198            29 10 2022 6Diax12         13.4 28.28 69 5465            29 10 2022 6Diax12         13.2 28.28 63 4990	Mark*

Witnessed by:

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> 4316 Dr. Aqsa

**Test Specification** 

( ASTM C39 )

To: Engr. Zafar Iqbal, PM

Our Ref. No. CL/CED/ 481

United Lifestyle, 75-E Molana Shokat Ali Road, Johar Town, Lahore

Project: Constructing a High-Rise Building "Skyscraper by United Lifestyle" at Johar Town, Lahore.

Your Ref. No. ULS/2021-22/003 Dated: 28-11-22

Dated:

30-11-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 28-11-22 Tested on: 29-11-22 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		27	10	2022	6Diax12		13.2	28.28	58	4594		Non Engraved
2		27	10	2022	6Diax12		12.8	28.28	38	3010		Non Engraved
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4												
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Witnessed by:

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> 4322 Dr. Aqsa

To: Sub Divisional Officer

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

Project: Construction of Forest Complex at Ravi Road, Lahore (ADP No. 6621/2021-22)

Our Ref. No. CL/CED/ 482 Dated: 30-11-22

Your Ref. No. 2306 Dated: 22-11-22

# ( BS 1881-116 )

**Test Specification** 

#### COMPRESSION TEST REPORT

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1:2:4 (2nd F. Slab)	15	10	2022	6x6x6		8.4	36	109	6782		Non Engraved
2	1:2:4 (2nd F. Slab)	15	10	2022	6x6x6		8.4	36	78	4853		Non Engraved
3	1:2:4 (2nd F. Slab)	15	10	2022	6x6x6		8.2	36	80	4978		Non Engraved
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Witnessed by:

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> 4322 Dr. Aqsa

To: Sub Divisional Officer

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

Project: Addition/Alteration to Lahore High Court, Lahore (Construction of Main Drain for Storm Water)

Our Ref. No. CL/CED/ 483 Dated: 30-11-22

Your Ref. No. 2313 Dated: 22-11-22 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition



**Test Specification** 



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	(1:2:4)	2	11	2022	6x6x6		8.4	36	77	4791		Non Engraved
2	(1:2:4)	2	11	2022	6x6x6		8.4	36	106	6596		Non Engraved
3	(1:2:4)	2	11	2022	6x6x6		8.4	36	92	5724		Non Engraved
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- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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- 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

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

> 4322 Dr. Aqsa

To: Sub Divisional Officer

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

Project: Construction of Forest Complex at Ravi Road, Lahore (ADP No. 6621/2021-22)

Our Ref. No. CL/CED/ 484 Dated: 30-11-22

Your Ref. No. 2308 Dated: 22-11-22 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition



**Test Specification** 



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	1:1.5:3 (2nd F. Col. / Lift)	5	10	2022	6x6x6		8.6	36	118	7342		Non Engraved
2	1:1.5:3 (2nd F. Col. / Lift)	5	10	2022	6x6x6		8.4	36	114	7093		Non Engraved
3	1:1.5:3 (2nd F. Col. / Lift)	5	10	2022	6x6x6		8.4	36	101	6284		Non Engraved
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Witnessed by:

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

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

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



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**ORIGINAL** 

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

> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 22, Lahore.** 

Project: Construction of Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 485 Dated: 30-11-22 <u>Test Specification</u>

Your Ref. No. 193/SDO-22 Dated: 12-11-22 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	R.C.C. (1:1.5:3) 3rd F. Lift	15	10	2022	6x6x6		8.4	36	104	6471		Non Engraved
2	R.C.C. (1:1.5:3) 3rd F. Lift	15	10	2022	6x6x6		8.4	36	89	5538		Non Engraved
3	R.C.C. (1:1.5:3) 3rd F. Lift	15	10	2022	6x6x6		8.6	36	90	5600		Non Engraved
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Witnessed by:

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> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 22, Lahore** 

Project: Construction of Population Welfare House Punjab, at Lahore.

 Our Ref. No. CL/CED/
 486
 Dated:
 30-11-22
 Test Specification

 Your Ref. No.
 192/SDO-22
 Dated:
 11-11-22
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





Sr. No.	Mark*	Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
	R.C.C. (1:1:2) 3rd F. Col.	14	10	2022	6x6x6		8.4	36	94	5849		Non Engraved
_	R.C.C. (1:1:2) 3rd F. Col.	14	10	2022	6x6x6		8.2	36	103	6409		Non Engraved
3	R.C.C. (1:1:2) 3rd F. Col.	14	10	2022	6x6x6		8.6	36	104	6471		Non Engraved
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> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 22, Lahore** 

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 487
 Dated:
 30-11-22
 Test Specification

 Your Ref. No.
 187/SDO-22
 Dated:
 02-11-22
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	R.C.C. (1:1:2) 2nd F. Col.	4	10	2022	6x6x6		8.4	36	92	5724		Non Engraved
2	R.C.C. (1:1:2) 2nd F. Col.	4	10	2022	6x6x6		8.6	36	85	5289		Non Engraved
3	R.C.C. (1:1:2) 2nd F. Col.	4	10	2022	6x6x6		8.8	36	114	7093		Non Engraved
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> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 22, Lahore** 

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 488
 Dated:
 30-11-22
 Test Specification

 Your Ref. No.
 190/SDO-22
 Dated:
 07-11-22
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





Sr. No.	Mark*		Casting Date*		Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	R.C.C. (1:2:4) 2nd F. Slab	9	10	2022	6x6x6		8.4	36	112	6969		Non Engraved
2	R.C.C. (1:2:4) 2nd F. Slab	9	10	2022	6x6x6		8.6	36	94	5849		Non Engraved
3	R.C.C. (1:2:4) 2nd F. Slab	9	10	2022	6x6x6		8.4	36	90	5600		Non Engraved
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> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 22, Lahore** 

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 489
 Dated:
 30-11-22
 Test Specification

 Your Ref. No.
 196/SDO-22
 Dated:
 19-11-22
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





						Wet	Dry	Area of	Ultimate	Ultimate	Water	
Sr. No.	Mark*	Cas	ting	Date*	Size	Weight	_	X-Section	load	Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	R.C.C. (1:2:4) 3rd F. Slab	21	10	2022	6x6x6		8.6	36	105	6533		Non Engraved
2	R.C.C. (1:2:4) 3rd F. Slab	21	10	2022	6x6x6		8.2	36	104	6471		Non Engraved
3	R.C.C. (1:2:4) 3rd F. Slab	21	10	2022	6x6x6		8.4	36	83	5164		Non Engraved
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Witnessed by:

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**ORIGINAL** 

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> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 22, Lahore** 

Project: Construction of Population Welfare House Punjab, at Lahore

 Our Ref. No. CL/CED/
 490
 Dated:
 30-11-22
 Test Specification

 Your Ref. No.
 185/SDO-22
 Dated:
 02-11-22
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	R.C.C. (1:1.5:3) 2nd/F. Lift	4	10	2022	6x6x6		8.6	36	99	6160		Non Engraved
2	R.C.C. (1:1.5:3) 2nd/F. Lift	4	10	2022	6x6x6		8.6	36	109	6782		Non Engraved
3	R.C.C. (1:1.5:3) 2nd/F. Lift	4	10	2022	6x6x6		8.4	36	73	4542		Non Engraved
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- 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

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

> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 9, Lahore** 

Project: Construction of BS (18-19) Apartments at Qurban Lines, Lahore. (Phase-1)

 Our Ref. No. CL/CED/
 491
 Dated:
 30-11-22
 Test Specification

 Your Ref. No.
 3353/9th
 Dated:
 14-09-22
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





Sr. No.	Mark*	Cas DD		Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	(1:2:4)	30	8	2022	6x6x6		8.4	36	76	4729		Non Engraved
2	(1:2:4)	30	8	2022	6x6x6		8.4	36	69	4293		Non Engraved
3	(1:2:4)	30	8	2022	6x6x6		8.4	36	76	4729		Non Engraved
4												
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Witnessed by:

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- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 5, Lahore** 

Project: Construction of Extension / Expansion of Inspectorate of Punjab Lahore, Group No. 1

 Our Ref. No. CL/CED/
 492
 Dated:
 30-11-22
 Test Specification

 Your Ref. No.
 2298/5th
 Dated:
 21-11-22
 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





						Wet	Dry	Area of	Ultimate	Ultimate	Water	
Sr. No.	Mark*	Cas	ting	Date*	Size	Weight	_	X-Section		Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1:1.5:3 (O.W.H. Slab)	18	10	2022	6x6x6		8.8	36	105	6533		Non Engraved
2	1:1.5:3 (O.W.H. Slab)	18	10	2022	6x6x6		8.6	36	114	7093		Non Engraved
3	1:1.5:3 (O.W.H. Slab)	18	10	2022	6x6x6		8.4	36	112	6969		Non Engraved
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Witnessed by:

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

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> 4322 Dr. Aqsa

To: Sub Divisional Officer

**Buildings Sub Division No. 5, Lahore** 

Project: Construction of Extension / Expansion of Inspectorate of Punjab Lahore, Group No. 1

 Our Ref. No. CL/CED/
 493
 Dated:
 30-11-22
 Test Specification

 Your Ref. No.
 2297/5th
 Dated:
 21-11-22
 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 28-11-22 Tested on: 29-11-22 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1:1.5:3 (O.W.H. Col.)	10	10	2022	6x6x6		8.2	36	104	6471		Non Engraved
2	1:1.5:3 (O.W.H. Col.)	10	10	2022	6x6x6		8.6	36	114	7093		Non Engraved
3	1:1.5:3 (O.W.H. Col.)	10	10	2022	6x6x6		8.6	36	108	6720		Non Engraved
4						/						
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Witnessed by:

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

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

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