

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.

> 5260 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 (ii) Slab Family Block)

Our Ref. No. CL/CED/ 2041

Dated:

Dated: 18-05-23

30-05-23

Test Specification

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 22/05/2023 Tested on: 30-05-23 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	G. (70)	
1	3000 Psi	2	4	2023	6Diax12		13	28.28	59	4673		Non Engraved
2	3000 Psi	2	4	2023	6Diax12		12.4	28.28	41	3248		Non Engraved
3	3000 Psi	2	4	2023	6Diax12		13	28.28	61	4832		Non Engraved
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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.



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> 5260 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. (Ground Floor Slab Family Block)

Our Ref. No. CL/CED/ 2042

Dated:

**Test Specification** 

Dated: 18-05-23

30-05-23

( ASTM C39 )

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22/05/2023 Tested on: 30-05-23 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	3000 Psi	16	4	2023	6Diax12		13	28.28	57	4515		Non Engraved
2	3000 Psi	16	4	2023	6Diax12		13	28.28	59	4673		Non Engraved
3	3000 Psi	16	4	2023	6Diax12		12.4	28.28	56	4436		Non Engraved
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Witnessed by: Nil

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> 5260 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. (Ground Floor Shear Wall Family Block)

Our Ref. No. CL/CED/ 2043

Dated: 30-05-23

Test Specification
( ASTM C39 )

Your Ref. No. 3187 Dated: 18-05-23

#### COMPRESSION TEST REPORT

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

Specimens received on: 22/05/2023 Tested on: 30-05-23 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	10	4	2023	6Diax12		13.6	28.28	102	8079		Non Engraved
2	5000 Psi	10	4	2023	6Diax12		13	28.28	74	5861		Non Engraved
3	5000 Psi	10	4	2023	6Diax12		13.2	28.28	85	6733		Non Engraved
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Witnessed by: Nil

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> 5260 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. (Ground Floor Columns Family Block)

Our Ref. No. CL/CED/ 2044

Dated: 30-05-23

18-05-23

Test Specification
( ASTM C39 )

Your Ref. No. 3189 Dated:

#### COMPRESSION TEST REPORT

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

Specimens received on: 22/05/2023 Tested on: 30-05-23 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	5000 Psi	10	4	2023	6Diax12		13.8	28.28	97	7683		Non Engraved
2	5000 Psi	10	4	2023	6Diax12		13.4	28.28	91	7208		Non Engraved
3	5000 Psi	10	4	2023	6Diax12		13.4	28.28	17	1347		Non Engraved
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Witnessed by: Nil

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> 5268 Dr. Aqsa

To: Mr. M. Tahir Saleem, Project Manager

Rizwan Associates, Office No. 9, FF Sanitary Market I-11/3 Islamabad

Project: Construction of Regional Nuclear Safety Inspectorate-VI Johar Town, Lahore

Our Ref. No. CL/CED/ 2045 Dated: 30-05-23

Your Ref. No. Nil Dated: 23-05-23

#### COMPRESSION TEST REPORT

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

Specimens received on: 23/05/2023 Tested on: 30-05-23 in dry/wet condition



**Test Specification** 

( ASTM C39 )



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	RCC (3000 Psi) Footings/Raft	12	4	2023	6Diax12		12.2	28.28	33	2614		Non Engraved
2	RCC (3000 Psi) Footings/Raft	12	4	2023	6Diax12		13	28.28	14	1109		Engraved
3	RCC (3000 Psi) Footings/Raft	12	4	2023	6Diax12		13	28.28	33	2614		Engraved
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Witnessed by: Nil

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> 5281 Dr. Aqsa

To: Mr. Arif Siddique

**Ideal Construction Service** 

**Project: FMH Tower Lahore** 

 Our Ref. No. CL/CED/
 2046
 Dated:
 30-05-23
 Test Specification

 Your Ref. No.
 ICS/786/499
 Dated:
 01-05-23
 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 25/05/2023 Tested on: 30-05-23 in dry/wet condition





Sr. No.	Mark*	Cas		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		3	4	2023	6Diax12		13.2	28.28	68	5386		Non Engraved
2		3	4	2023	6Diax12		13.6	28.28	71	5624		Non Engraved
3		3	4	2023	6Diax12		14.2	28.28	90	7129		Non Engraved
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Witnessed by: Nil

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> 5279 Dr. Aqsa

To: M. Saleem Construction Company

Haq Bahoo Manzil, FF, Opposite Usman C.N.G. Lahore Road, Sheikhupura.

Project: Extension (Store) Dyeing Unit

Our Ref. No. CL/CED/2047Dated:30-05-23Test SpecificationYour Ref. No.Cylinder TestDated:24-05-23(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 24/05/2023 Tested on: 30-05-23 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	1st Roof Beam	10	4	2023	6Diax12		13.8	28.28	71	5624		Engraved
2	1st Roof Beam	10	4	2023	6Diax12		13.4	28.28	66	5228		Engraved
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Witnessed by: Nil

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- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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> 5302 Dr. Aqsa

To: Mr. Sajjad Mehmood District Chakwal.

Project: H. No. 64/1-B, Abid Majeed Road Lahore Cantt.

Our Ref. No. CL/CED/ 2048-1 of 2

Your Ref. No. Nil Dated: 29-05-23 (ASTM C39)

Dated:

30-05-23

### **COMPRESSION TEST REPORT**

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

Specimens received on: 29/05/2023 Tested on: 30-05-23 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	3000 Psi	22	5	2023	6Diax12		13	28.28	46	3644		Non Engraved
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Witnessed by: Nil

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

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> 5302 Dr. Aqsa

**Test Specification** 

To: Mr. Sajjad Mehmood District Chakwal.

Project: H. No. 64/1-B, Abid Majeed Road Lahore Cantt.

Our Ref. No. CL/CED/ 2048-2 of 2

Your Ref. No.

Dated: (BS 1881-116) 29-05-23

Dated:

30-05-23

### COMPRESSION TEST REPORT

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

Specimens received on: 29/05/2023 Tested on: 30-05-23 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	22	5	2023	6x6x6		7.8	36	9	560		Non Engraved
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#### Witnessed by:

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- 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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> 5299 Dr. Aqsa

**Test Specification** 

( ---- )

To: Mr. Rashid Kamran

Our Ref. No. CL/CED/ 2049

Resident Engineer, NESPAK Pvt. Ltd. (Contractor: Al Meezan Associates)

Project: Development of Infrastructure Works in Newly Cleared Areas of LDA Avenue-I Lahore (Package-1)

Dated:

30-05-23

Your Ref. No. 2599/13/05/RK/P-1/55 Dated: 08-05-23

#### COMPRESSION TEST REPORT

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

Specimens received on: 29-05-23 Tested on: 30-05-23 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	Rectangular, Grey, 60mm				7.9 x 3.9 x 2.4		2810	30.81	88	6398		
2	Rectangular, Grey, 60mm				7.9 x 3.9 x 2.4		2815	30.81	98	7125		
3	Rectangular, Grey, 60mm				7.8 x 3.8 x 2.4		2800	29.64	120	9069		
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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
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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> 5259 Dr. Aqsa

To: Mr. Muhammad Javeed, Civil Manager SUNSHINE by Stylers International

**Project: Construction of Sunshine** 

O.... D. 6 N. . O. (OED) . 2050

 Our Ref. No. CL/CED/
 2050
 Dated:
 30-05-23
 Test Specification

 Your Ref. No.
 SPS/BML/017/2023
 Dated:
 22-05-23
 (BS 3921\*\*)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 22-05-23 Tested on: 30-05-23 in dry/wet condition



			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)	on (%)	
PAK				8.9 x 4.4 x 3	3880	3380	39.16	42	2402	14.79	
PAK				8.8 x 4.4 x 3	3905	3405	38.72	40	2314	14.68	
PAK				8.8 x 4.4 x 3	3870	3406	38.72	43	2488	13.62	
PAK				9 x 4.4 x 3.1	4015	3495	39.6	48	2715	14.88	
PAK				8.9 x 4.3 x 3.1	3895	3430	38.27	40	2341	13.56	
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	PAK PAK PAK	PAK PAK PAK PAK	PAK PAK PAK PAK PAK	PAK  PAK  PAK  PAK  PAK	PAK 8.8 x 4.4 x 3  PAK 8.8 x 4.4 x 3  PAK 9 x 4.4 x 3.1  PAK 8.9 x 4.3 x 3.1	PAK 8.8 x 4.4 x 3 3905  PAK 8.8 x 4.4 x 3 3870  PAK 9 x 4.4 x 3.1 4015  PAK 8.9 x 4.3 x 3.1 3895	PAK 8.8 x 4.4 x 3 3905 3405  PAK 8.8 x 4.4 x 3 3870 3406  PAK 9 x 4.4 x 3.1 4015 3495  PAK 8.9 x 4.3 x 3.1 3895 3430	PAK 8.8 x 4.4 x 3 3905 3405 38.72  PAK 8.8 x 4.4 x 3 3870 3406 38.72  PAK 9 x 4.4 x 3.1 4015 3495 39.6  PAK 8.9 x 4.3 x 3.1 3895 3430 38.27	PAK 8.8 x 4.4 x 3 3905 3405 38.72 40  PAK 8.8 x 4.4 x 3 3870 3406 38.72 43  PAK 9 x 4.4 x 3.1 4015 3495 39.6 48  PAK 8.9 x 4.3 x 3.1 3895 3430 38.27 40	PAK 8.8 x 4.4 x 3 3905 3405 38.72 40 2314  PAK 8.8 x 4.4 x 3 3870 3406 38.72 43 2488  PAK 9 x 4.4 x 3.1 4015 3495 39.6 48 2715  PAK 8.9 x 4.3 x 3.1 3895 3430 38.27 40 2341	PAK 8.8 x 4.4 x 3 3905 3405 38.72 40 2314 14.68  PAK 8.8 x 4.4 x 3 3870 3406 38.72 43 2488 13.62  PAK 9 x 4.4 x 3.1 4015 3495 39.6 48 2715 14.88  PAK 8.9 x 4.3 x 3.1 3895 3430 38.27 40 2341 13.56

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.

> 5250 Dr. Aqsa

To: Engr. Saquib Akram

Resident Engineer, NESPAK, EME Sports Complex, Lahore.

Project: Establishment of Sports Complex at EME, LDP, NA-128. (Contractor: M/S S. MA. Construction

Company Pvt. Ltd.)

Our Ref. No. CL/CED/ 2051

30-05-23

Dated:

Test Specification
(BS 3921\*\*)

Your Ref. No. 3772/103/NA-128/RE/05/10 Dated: 02-05-23

#### COMPRESSION TEST REPORT

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

Specimens received on: 19-05-23 Tested on: 30-05-23 in dry/wet condition



Sr. No.	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	_	(Kg/ gms)		(Imp.Tons)		on (%)	rtomanto
1	Т				8.8 x 4.3 x 2.9	3885	3340	37.84	33	1953	16.32	
2	Т				8.8 x 4.3 x 3	3735	3248	37.84	44	2605	14.99	
3	Т				8.8 x 4.3 x 2.9	3795	3264	37.84	37	2190	16.27	
4	Т				8.8 x 4.3 x 3	3845	3330	37.84	39	2309	15.47	
5	Т				8.9 x 4.3 x 3	3775	3256	38.27	29	1697	15.94	
6	Т				8.9 x 4.4 x 3	3950	3480	39.16	39	2231	13.51	
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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.