

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.

2498 Dr. Qasim Khan

To: (Engr. Muhammad Younas), RE (NESPAK).

QABP, Sheikhupura. (M/s Maqbool & Calsons JV).

Project: Infrastructure Development of Quaid-e-Azam Business Park on Motorway M-2, District

Sheikhupura.

Our Ref. No. CL/CED/ 6936 Dated: 21-01-22

Your Ref. No. 4163/11/MY/01/110 Dated: 27-12-21

Test Specification

(C67-01)

#### COMPRESSION TEST REPORT

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

Specimens received on: 29-12-21 Tested on: 21-01-22 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
	DD	мм	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
3Star (1A)				4.3 x 4.2 x 2.9	1630	1485	18.06	12	1488	9.76	
3Star (1B)				4.5 x 4.2 x 2.8	1730	1575	18.9	12	1422	9.84	
3Star (2C)				4.4 x 4.3 x 2.8	1625	1490	18.92	15	1776	9.06	
3Star (2D)				4.5 x 4.3 x 2.8	1710	1560	19.35	15	1736	9.62	
3Star (3E)				4.4 x 4.3 x 2.9	1570	1430	18.92	16	1894	9.79	
3Star (3F)				4.2 x 4.3 x 2.9	1700	1540	18.06	21	2605	10.39	
3Star (4G)				4.3 x 4.2 x 2.8	1670	-1510	18.06	18	2233	10.6	
3Star (4H)				4.5 x 4.2 x 2.8	1740	1590	18.9	15	1778	9.43	
3Star (5i)				4.5 x 4.3 x 2.9	1780	1610	19.35	18	2084	10.56	
3Star (5J)				4.5 x 4.3 x 2.9	1605	1445	19.35	23	2663	11.07	
	3Star (1A) 3Star (1B) 3Star (2C) 3Star (2D) 3Star (3E) 3Star (3F) 3Star (4G) 3Star (4H) 3Star (5i) 3Star (5J)	Mark* DD  3Star (1A) 3Star (1B) 3Star (2C) 3Star (2D) 3Star (3E) 3Star (3F) 3Star (4G) 3Star (4H) 3Star (5i)	Mark*  DD MM  3Star (1A)  3Star (2C)  3Star (2D)  3Star (3E)  3Star (3F)  3Star (4G)  3Star (5i)	3Star (1A)  3Star (1B)  3Star (2C)  3Star (2D)  3Star (3E)  3Star (3F)  3Star (4G)  3Star (5i)  3Star (5J)	Mark*  DD MM YYYY  (in)  3Star (1A) 4.3 x 4.2 x 2.9  3Star (1B) 4.5 x 4.2 x 2.8  3Star (2C) 4.5 x 4.3 x 2.8  3Star (2D) 4.5 x 4.3 x 2.8  3Star (3E) 4.4 x 4.3 x 2.9  3Star (3F) 4.2 x 4.3 x 2.9  3Star (4G) 4.3 x 4.2 x 2.8  3Star (4H) 4.5 x 4.2 x 2.8  3Star (5i) 4.5 x 4.3 x 2.9  3Star (5J) 4.5 x 4.3 x 2.9	Mark*       Casting Date*       Size       Weight         DD MM YYYY       (in)       (Kg/gms)         3Star (1A)         4.3 x 4.2 x 2.9       1630         3Star (1B)         4.5 x 4.2 x 2.8       1730         3Star (2C)         4.4 x 4.3 x 2.8       1625         3Star (2D)         4.5 x 4.3 x 2.8       1710         3Star (3E)         4.4 x 4.3 x 2.9       1570         3Star (3F)         4.2 x 4.3 x 2.9       1700         3Star (4G)         4.3 x 4.2 x 2.8       1670         3Star (4H)         4.5 x 4.3 x 2.9       1780         3Star (5J)                                3Star (4G)         4.5 x 4.3 x 2.9       1780         3Star (5J)	Mark*         Casting Date*         Size         Weight         Weight           JOD MM YYYY         (in)         (Kg/gms)         (Kg/gms)           3Star (1A)           4.3 x 4.2 x 2.9         1630         1485           3Star (1B)           4.5 x 4.2 x 2.8         1730         1575           3Star (2C)           4.4 x 4.3 x 2.8         1625         1490           3Star (2D)           4.5 x 4.3 x 2.8         1710         1560           3Star (3E)           4.4 x 4.3 x 2.9         1570         1430           3Star (3F)           4.2 x 4.3 x 2.9         1700         1540           3Star (4G)           4.3 x 4.2 x 2.8         1670         1510           3Star (5i)           4.5 x 4.3 x 2.9         1780         1610           3Star (5J)                             4.5 x 4.3 x 2.9	Mark*         Casting Date* DD MM YYYY         Size (in)         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Sq. in)           3Star (1A)           4.3 x 4.2 x 2.9         1630         1485         18.06           3Star (1B)           4.5 x 4.2 x 2.8         1730         1575         18.9           3Star (2C)           4.4 x 4.3 x 2.8         1625         1490         18.92           3Star (3E)           4.5 x 4.3 x 2.8         1710         1560         19.35           3Star (3F)           4.2 x 4.3 x 2.9         1570         1430         18.92           3Star (4G)           4.2 x 4.3 x 2.9         1700         1540         18.06           3Star (4H)           4.5 x 4.2 x 2.8         1670         1510         18.9           3Star (5J)           4.5 x 4.3 x 2.9         1780         1610         19.35           3Star (5J)           4.5 x 4.3 x 2.9         1605         1445         19.35               <	Mark*         Casting Date*         Size         Weight (in)         Weight (Kg/ gms)         X-Section (Inp.Tons)           3Star (1A)           4.3 x 4.2 x 2.9         1630         1485         18.06         12           3Star (1B)           4.5 x 4.2 x 2.8         1730         1575         18.9         12           3Star (2C)           4.4 x 4.3 x 2.8         1625         1490         18.92         15           3Star (2D)           4.5 x 4.3 x 2.8         1710         1560         19.35         15           3Star (3E)           4.4 x 4.3 x 2.9         1570         1430         18.92         16           3Star (3F)           4.2 x 4.3 x 2.9         1700         1540         18.06         21           3Star (4G)           4.5 x 4.2 x 2.8         1670         1510         18.06         18           3Star (5i)           4.5 x 4.3 x 2.9         1780         1610         19.35         18           3Star (5j)           4.5 x 4.3 x 2.9         1605         1445         19.35 <td>Mark*         Casting Date* DD MM YYYY         Size (in)         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Sq. in)         load (Imp.Tons)         Stress (psi)           3Star (1A)           4.3 x 4.2 x 2.9         1630         1485         18.06         12         1488           3Star (1B)           4.5 x 4.2 x 2.8         1730         1575         18.9         12         1422           3Star (2C)           4.4 x 4.3 x 2.8         1625         1490         18.92         15         1776           3Star (2D)           4.5 x 4.3 x 2.8         1710         1560         19.35         15         1736           3Star (3E)           4.4 x 4.3 x 2.9         1570         1430         18.92         16         1894           3Star (3F)           4.2 x 4.3 x 2.9         1700         1540         18.06         21         2605           3Star (4G)           4.5 x 4.2 x 2.8         1670         1510         18.06         18         2233           3Star (5J)           4.5 x 4.3 x 2.9         1780         1610</td> <td>Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in) (Imp.Tons)         Value (psi) on (%)           3Star (1A)        </td>	Mark*         Casting Date* DD MM YYYY         Size (in)         Weight (Kg/ gms)         Weight (Kg/ gms)         X-Section (Sq. in)         load (Imp.Tons)         Stress (psi)           3Star (1A)           4.3 x 4.2 x 2.9         1630         1485         18.06         12         1488           3Star (1B)           4.5 x 4.2 x 2.8         1730         1575         18.9         12         1422           3Star (2C)           4.4 x 4.3 x 2.8         1625         1490         18.92         15         1776           3Star (2D)           4.5 x 4.3 x 2.8         1710         1560         19.35         15         1736           3Star (3E)           4.4 x 4.3 x 2.9         1570         1430         18.92         16         1894           3Star (3F)           4.2 x 4.3 x 2.9         1700         1540         18.06         21         2605           3Star (4G)           4.5 x 4.2 x 2.8         1670         1510         18.06         18         2233           3Star (5J)           4.5 x 4.3 x 2.9         1780         1610	Mark*         Casting Date*         Size         Weight (Kg/gms)         Weight (Kg/gms)         X-Section (Sq. in) (Imp.Tons)         Value (psi) on (%)           3Star (1A)

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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2531 Dr. Umbreen

To: Project Manager

**Q-Links Property Management Pvt Ltd** 

Project: Construction of Jasmine Grand Mall Bahria Town Lahore.

Our Ref. No. CL/CED/ 6937 Dated: 21/01/2022 <u>Test Specification</u>

Your Ref. No. QLC-BO-BH2-2022-002 Dated: 03-01-22

### **COMPRESSION TEST REPORT**

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

Specimens received on: 05-01-22 Tested on: 19/01/2022 in dry/wet condition



( ASTM C39 )



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section			Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Column Grid 2-B-D (5500 Psi)	3	12	2021	6Diax12		13.6	28.28	77	6099		Engraved
2	SOG Grid 8-10 A-D (3000 Psi)	3	12	2021	6Diax12		13	28.28	51	4040		Engraved
3	SOG Grid 8-10 A-D (3000 Psi)	3	12	2021	6Diax12		13	28.28	53	4198		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 compressive strength

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2583 Dr. Umbreen

To: Syed Al-Imran Kazmi

Engineering Cell North-1, GS & RE Group

Project: Construction of ABL GT Road Branch, Allahabad.

Our Ref. No. CL/CED/ 6938 Dated: 21/01/2022 **Test Specification** ( ASTM C39 )

12-01-22 Your Ref. No. ABL/Cylinder Testing/Plinth Beam/Allahabad/2022Dated:

### COMPRESSION TEST REPORT

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

Specimens received on: 13/01/2022 Tested on: 19/01/2022 in dry/wet condition





Remarks	Absorpti	Ultimate Stress	Ultimate load	Area of X-Section	Dry Weight	Wet Weight	Size	Date*	ting	Cas	Mark*	Sr. No.
	on (%)	(psi)	(Imp.Tons)	(Sq. in)	(Kg/ gms)	(Kg/ gms)	(in)	YYYY	MM	DD		
Engraved		4040	51	28.28	13		6Diax12	2021	12	17	Plinth Beam (1:2:4) 3000 Psi	1
Engraved		3881	49	28.28	12.2		6Diax12	2021	12	17	Plinth Beam(Ratio 1: 2: 4) 3000Psi	2
Engraved		3564	45	28.28	12.4		6Diax12	2021	12	17	Plinth Beam (1:2:4) 3000 Psi	3
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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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2535 Dr. Umbreen

To: Mr. Naeem Yousaf

Resident Engineer, NESPAK (Pvt) Ltd.

Project: Construction of DHA Office Complex, DHA Bahawalpur.

Our Ref. No. CL/CED/ 6939 Dated: 21/01/2022 <u>Test Specification</u>

Your Ref. No. 4401/NY/T/05/61 Dated: 29/12/2021

#### COMPRESSION TEST REPORT

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

Specimens received on: 05-01-22 Tested on: 19/01/2022 in dry/wet condition



( ASTM C39 )



Sr. No.	Mark*	Cas	Casting Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks	
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC Roof Slab 2nd Floor	2	12	2021	6Diax12		14	28.28	81	6416		Non Engraved
2	RCC Roof Slab 2nd Floor	2	12	2021	6Diax12		14	28.28	67	5307		Non Engraved
3	RCC Roof Slab 2nd Floor	2	12	2021	6Diax12		13	28.28	81	6416		Non Engraved
4	RCC Roof Slab 2nd Floor	2	12	2021	6Diax12		13	28.28	83	6574		Non Engraved
5	RCC Roof Slab 2nd Floor	2	12	2021	6Diax12	GINE	13.2	28.28	83	6574		Non Engraved
6	RCC Roof Slab 2nd Floor	2	12	2021	6Diax12	READ IN	13.2	28.28	79	6257		Non Engraved
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1471	and last. All				·				·		·	

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 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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2542 Dr. Umbreen

To: Consultant

Takbeer Tower, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 6940 Dated: 21/01/2022

Your Ref. No. Nil Dated: 06-01-22

Test Specification
( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 06-01-22 Tested on: 19/01/2022 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*	Cas	Casting Date	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
On No.	Mark	DD	ММ	YYYY	(in)		(Kg/ gms)		(Imp.Tons)		on (%)	Romanio
1	Raft Concrete	27	12	2021	6Diax12		14	28.28	51	4040		Engraved
2	Raft Concrete	27	12	2021	6Diax12		14	28.28	45	3564		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)
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2568 Dr. Umbreen

To: Project Manager

Q-Links Property Management Pvt. Ltd.

Project: Construction of Jasmine Grand Mall, Bahria Town, Lahore.

Our Ref. No. CL/CED/ 6941 Dated: 21/01/2022

Your Ref. No. QLC-BO-BH2-2022-01-LTR-02 Dated: 11-01-22

### **COMPRESSION TEST REPORT**

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

Specimens received on: 11-01-22 Tested on: 19/01/2022 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*	Cas	Casting 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	Grid # 5-8 (3000 Psi)	7	12	2021	6Diax12		13.2	28.28	39	3089		Non Engraved
2	Grid # 7-8 (5500 Psi)	7	12	2021	6Diax12		13.4	28.28	33	2614		Non Engraved
3	Grid # 16-18 (3000 Psi)	11	12	2021	6Diax12		12.8	28.28	37	2931		Non Engraved
4	Grid # 16-18 (3000 Psi)	11	12	2021	6Diax12		13	28.28	35	2772		Non Engraved
5	Grid # 16-18 (3000 Psi)	11	12	2021	6Diax12	CINE	13.2	28.28	39	3089		Non Engraved
6	Grid # 3-5 (3000 Psi)	13	12	2021	6Diax12	READ IN	13	28.28	43	3406		Non Engraved
7	Grid # 3-5 (3000 Psi)	13	12	2021	6Diax12	DHE NAME OF THY LIDRO WHO	- 13	28.28	35	2772		Non Engraved
8	Grid # 7-8 (5500 Psi)	13	12	2021	6Diax12		13.8	28.28	75	5941		Non Engraved
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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 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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> 2596 Dr. Qasim

To: Mr. Muhammad Awais Khan

Our Ref. No. CL/CED/ 6942

**FM SUPARCO Office (Works Division)** 

Project: Construction of Staff Hostel at Kala Shah Kaku Lahore. (M/s Strategia Services).

Troject. Construction of Staff Hoster at Raid Offair Rand Lanore. (M/3 Offategra Cervices).

Your Ref. No. 63301(04) Works/Div/SRDC-L Dated: 07-01-22

Dated:

21/01/2022

### **COMPRESSION TEST REPORT**

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

Specimens received on: 14/01/2022 Tested on: 21/01/2022 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Mark*	Cas		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 (%)	
2: 4)	31	12	2021	6Diax12		13.2	28.28	33	2614		Non Engraved
2: 4)	3.	12	2021	6Diax12		13	28.28	35	2772		Non Engraved
RCC Footing (1: 2: 4)	31	12	2021	6Diax12		13.2	28.28	34	2693		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

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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

ORIGINAL

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

> 2622 Dr. Qasim

To: Bricks Art

Architects, Engineers, Contractors and Projects Manager

Project: Site in D.H.A Lahore.

Our Ref. No. CL/CED/ 6943 Dated: 21/01/2022 <u>Test Specification</u>

Your Ref. No. Bricks Art/020/07 Dated: 20/01/2022 (ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 20/01/2022 Tested on: 21/01/2022 in dry/wet condition





Sr. No.	Mark*		Casting Date*  DD MM YYYY		Size	Wet Weight		Area of X-Section (Sq. in)	load	Ultimate Stress	Water Absorpti on (%)	Remarks
				1	* *	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)			
1	3000 Psi	3	1	2022	6Diax12		13.2	28.28	13	1030		Non Engraved
2	3000 Psi	3	1	2022	6Diax12		13	28.28	8	634		Non Engraved
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Witnessed by: Nil

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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** 

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> 2573 Dr. Qasim

To: Mr. Muhammad Affan, Project Manager

ICON Valley Phase-II, Lahore.

Our Ref. No. CL/CED/ 6944

Project: ICON Commercial. (Ground Floor Lift Wall Grid D to E).

1 Toject. 10014 Commercial. (Ground 1 1001 Ent Wall Orld D to E).

Your Ref. No. Nil Dated: 12-01-22

Dated:

21/01/2022

#### COMPRESSION TEST REPORT

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

Specimens received on: 12-01-22 Tested on: 21/01/2022 in dry/wet condition



**Test Specification** 

( ASTM C39 )



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	3000 Psi	14	12	2021	6Diax12		13.6	28.28	56	4436		Non Engraved
2	3000 Psi	14	12	2021	6Diax12		14	28.28	57	4515		Non Engraved
3	3000 Psi	14	12	2021	6Diax12		13.2	28.28	51	4040		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>

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> 2615 Dr. Qasim

To: Engr. Muhammad Waqas Younis

Maintenance Engineer Punjab University, Lahore

Project: Construction of School of Economics at University of the Punjab

 Our Ref. No. CL/CED/
 6945
 Dated:
 21/01/2022
 Test Specification

 Your Ref. No.
 D-742-MEIV/DE
 Dated:
 08-01-22
 (BS 1881-116)

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/01/2022 Tested on: 21/01/2022 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	Cement Concrete Cubes (1:1.5:3)	24	12	2021	6x6x6		8.8	36	122	7591		Engraved
2	Cement Concrete Cubes (1:1.5:3)	24	12	2021	6x6x6		8.8	36	104	6471		Engraved
3	Cement Concrete Cubes (1:1.5:3)	24	12	2021	6x6x6		8.6	36	120	7467		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>

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**ORIGINAL** 

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> 2615 Dr. Qasim

To: Engr. Muhammad Waqas Younis

Maintenance Engineer Punjab University, Lahore.

Project: Construction of School of Economics at University of the Punjab.

Our Ref. No. CL/CED/ 6946 Dated: 21/01/2022 <u>Test Specification</u>

Your Ref. No. D-740-MEIV/DE Dated: 30/12/2021

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19-01-22 Tested on: 21/01/2022 in dry/wet condition



(BS 1881-116)



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	Cement Concrete Cubes (1:1.5:3)	18	12	2021	6x6x6		8.4	36	108	6720		Engraved
2	Cement Concrete Cubes (1:1.5:3)	18	12	2021	6x6x6		8.4	36	96	5973		Engraved
3	Cement Concrete Cubes (1:1.5:3)	18	12	2021	6x6x6		8.4	36	114	7093		Engraved
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Witnessed by: Nil

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**ORIGINAL** 

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2571 Dr. Umbreen

To: Authorized Signatory

Micro Engineering Construction.

Project: Construction Work at "Nazir and Sons Trust" Hospital, Bedian Road, Lahore.

Our Ref. No. CL/CED/ 6947 Dated: 21-01-22

Your Ref. No. Nil Dated: 12-01-22

Test Specification ( ---- )

#### COMPRESSION TEST REPORT

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

Specimens received on: 12-01-22 Tested on: 19-01-22 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	Hollow Block 1:3:6	29	11	2021	15.9x5.9x8.0		21.8	65.38	59	2021		
2	Hollow Block 1:4:8	29	11	2021	15.9x5.9x8.0		22.4	65.38	57	1953		
3	Hollow Block 1:4:8	29	11	2021	15.9x5.9x8.0		21	65.38	63	2158		
4	Hollow Block 1:4:8	29	11	2021	15.9x5.9x8.0		21	64.65	43	1490		
5	Hollow Block 1:3:6	29	11	2021	15.5x3.8x8.0	GINE	15.2	46.25	37	1792		
6	Hollow Block 1:4:8	29	11	2021	15.5x3.8x8.0	READIN	15	46.25	29	1405		
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Witnessed by: Nil

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

> 2618 Dr. Qasim

To: Mr. Saqib Qadeer SUTTON Developers

Project: 295-M-1, Lake City, Lahore.

Our Ref. No. CL/CED/ 6948 Dated: 21/01/2022 <u>Test Specification</u>

Your Ref. No. IBS/295-M-1, Lake City, Lahore/SD-10 Dated: 18-01-22

#### COMPRESSION TEST REPORT

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

Specimens received on: 19-01-22 Tested on: 21-01-22 in dry/wet condition



( ---- )



Sr. No.	Mark*	Casting Date*			Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	g/ gms) (Kg/ gms)	(Sq. in)	(Imp.Tons)	Γons) (psi)	OH (%)	
1	Solid Block				11.9 x 7.9 x 8		25	94.01	81	1930		
2	Solid Block				11.9 x 8 x 8		25	95.2	58	1365		
3	Solid Block				11.9 x 7.9 x 8		25.2	94.01	44	1048		
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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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**ORIGINAL** 

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

> 2490 Dr. Qasim

To: Sub Divisional Officer

**Buildings Sub Division Nankana Sahib** 

Project: Reconstruction of Dangerous Building at GPS Dhere Da Wara (35610337).

Our Ref. No. CL/CED/ 6949 Dated: 21/01/2022

Your Ref. No. 397/SDO/BSD/NNS Dated: 30/11/2021

### **COMPRESSION TEST REPORT**

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

Specimens received on: 28/12/2021 Tested on: 21-01-22 in dry/wet condition



**Test Specification** 

( ---- )



Sr. No.	Mark*	Casting 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.	(Imp.Tons)	) (psi)	on (%)	
1	11				8.8 x 4.3 x 3	3645	3255	37.84	39	2309	11.98	
2	11				8.7 x 4.1 x 2.8	3495	3125	35.67	47	2951	11.84	
3	11				8.8 x 4.2 x 2.9	3615	3240	36.96	16	970	11.57	
4	11				8.9 x 4.2 x 2.7	3160	2825	37.38	59	3536	11.86	
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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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