

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.

> 1924 Dr.M.Usman

To: Mr. Altaf Hussain (ME)

M/s AS Enterprises (AA Associates)

Project: Style Textile Mill Raiwand Road (65) Chak

 Our Ref. No. CL/CED/
 4962
 Dated:
 23-09-21
 Test Specification

 Your Ref. No.
 ASE/03
 Dated:
 17-09-21
 (BS 1881-116)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 17-09-21 Tested on: 22-09-21 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	Lab#331	20	8	2021	6x6x6		8.6	36	124	7716		Non Engraved
2	Lab#331	20	8	2021	6x6x6		8.6	36	100	6222		Non Engraved
3	Lab#331	20	8	2021	6x6x6		9	36	69	4293		Non Engraved
4	Lab#332	20	8	2021	6x6x6		8.8	36	112	6969		Non Engraved
5	Lab#332	20	8	2021	6x6x6	GINE	8.6	36	86	5351		Non Engraved
6	Lab#332	20	8	2021	6x6x6	READIN	9	36	108	6720		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>

- 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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1833 Dr.M. Yousaf

To: Mr. Umair Magsood (Sub Divisional Officer)

**Building Sub Division, Assembly, Lahore.** 

Project: Reconstruction of Pipal House A-Block, Lahore

Our Ref. No. CL/CED/ 4963

Your Ref. No. Dated: 30-08-21 No.659

23-09-21

Dated:

**Test Specification** 

( ---- )

#### COMPRESSION TEST REPORT

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

Specimens received on: 02-09-21 Tested on: 17-09-21 in dry/wet condition



Sr. No.	No. Mark*		_	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	7MS				8.8x4.4x3.0	3728	3380	38.72	35	2025	10.3	
2	7MS				8.7x4.4x3.1	3686	3395	38.28	34	1990	8.57	
3	7MS				8.8x4.4x3.0	3760	3408	38.72	37	2140	10.33	
4	7MS				8.8x4.4x2.9	3654	3298	38.72	40	2314	10.79	
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Witnessed by:

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1935 Dr.Usman Akmal

To: Mr. Sarfaraz Rasheed (GM) Projects

M/s Ittefaq Building Solutions (Pvt.) Ltd.

Project: Fauji n Feeze - Sahiwal

Our Ref. No. CL/CED/ 4964

Your Ref. No. Nil Dated:

**Test Specification** 

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 20-09-21 Tested on: 22-09-21 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	MC Column	7	9	2021	6x6x6		9	36	75	4667		Non Engraved
2	Stack Paid	10	9	2021	6x6x6		8.8	36	61	3796		Non Engraved
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Dated:

23-09-21

14-09-21

Witnessed by:

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1926 Dr.Usman Akmal

To: Mr. Minhaj Khizar

M/s Style Textile

**Project: Style Manga Project** 

Our Ref. No. CL/CED/ 4965 Dated: 23-09-21

Your Ref. No. Nil Dated: 26-08-21 (BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 17-09-21 Tested on: 21-09-21 in dry/wet condition



**Test Specification** 



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	C-20(Footing)	18	8	2021	6x6x6		8	36	71	4418		Non Engraved
2	C-20(Footing)	18	8	2021	6x6x6		8.2	36	65	4044		Non Engraved
3	C-20(Footing)	18	8	2021	6x6x6		8.4	36	86	5351		Non Engraved
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Witnessed by:

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> 1760 Dr.Umbreen

To: Mr. G Hassan Anjum (Project Engineer)

M/s Great City, Sheikhpura

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 4966

Dated: 23-09-21

Dated:

**Test Specification** 

17-08-21 (----)

#### COMPRESSION TEST REPORT

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

GC/UET/002/2021

Specimens received on: 17-08-21 Tested on: 20-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	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)		(Imp.Tons)	(psi)	on (%)	
1	76-1A				4.3x4.3x2.9	1693	1525	18.49	23	2786	11.02	
2	76-1B				4.5x4.3x2.9	1839	1660	19.35	29	3357	10.78	
3	76-2C				4.4x4.3x2.9	1802	1630	18.92	41	4854	10.55	
4	76-2D				4.4x4.3x2.9	1764	1595	18.92	33	3907	10.6	
5	76-3E				4.4x4.3x3.0	1724	1560	18.92	25	2960	10.51	
6	76-3F				4.4x4.3x3.0	1751	1590	18.92	25	2960	10.13	
1	PK2-1A				4.4x4.3x2.9	1858	1680	18.92	35	4144	10.6	
2	PK2-1B				4.4x4.3x3.0	1851	1682	18.92	33	3907	10.05	
3	PK2-2C				4.4x4.3x3.0	1852	1680	18.92	25	2960	10.24	
4	PK2-2D				4.4x4.3x3.0	1868	1690	18.92	29	3433	10.53	
5	PK2-3E				4.4x4.3x2.9	1853	1681	18.92	27	3197	10.23	
6	PK2-3F				4.4x4.3x2.9	1799	1635	18.92	35	4144	10.03	
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1909 Dr. Umbreen

To: Mr. Sarfaraz Rasheed (GM) Projects

M/s Ittefaq Building Solutions (Pvt.) Ltd.

Project: Fauji n Feeze - Sahiwal

Our Ref. No. CL/CED/ 4967

Your Ref. No. Nil Da

Dated: 14-09-21

23-09-21

Dated:

Test Specification
( BS 1881-116 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 15-09-21 Tested on: 20-09-21 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	Stack Foun. (3000) Psi	1	9	2021	6x6x6		8.6	36	67	4169		Non Engraved
2	E4, BS & 6, D7 Foun.(3750) Psi	18	8	2021	6x6x6		9	36	114	7093		Non Engraved
3	E4, BS & 6, D7 Foun.(3750) Psi	18	8	2021	6x6x6		9	36	120	7467		Non Engraved
4	E4, BS & 6, D7 Foun.(3750) Psi	18	8	2021	6x6x6		9	36	126	7840		Non Engraved
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1910 Dr. Umbreen

To: Sub Divisional Officer (Buildings)

**Sub Division Ferozwala** 

Your Ref. No.

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3272/2020-21)

Phase-II Group No.2 Residences Grade 11-14 4th Floor Slab

Our Ref. No. CL/CED/ 4968

No.1236

Dated: 23-09-21

Test Specification
( BS 1881-116 )

Dated: 14-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 15-09-21 Tested on: 20-09-21 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Roof Slab (1:2:4)	18	6	2021	6x6x6		8.6	36	67	4169		Non Engraved
2	Roof Slab (1:2:4)	18	6	2021	6x6x6		8.6	36	130	8089		Non Engraved
3	Roof Slab (1:2:4)	18	6	2021	6x6x6		8.8	36	79	4916		Non Engraved
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1910 Dr. Umbreen

To: Sub Divisional Officer (Buildings)

**Sub Division Ferozwala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3272/2020-21)

Phase-II Group No.2 Residences Grade 15-17 4th 1st Floor Column (P1)

Our Ref. No. CL/CED/ 4969 Dated:

Your Ref. No. No.1234 Dated: 19-09-21

**Test Specification** 

(BS 1881-116)

23-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 15-09-21 Tested on: 20-09-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	On (70)	
1	1st Floor Column (1:1.5:3)	4	8	2021	6x6x6		9	36	77	4791		Non Engraved
2	1st Floor Column (1:1.5:3)	4	8	2021	6x6x6		9	36	104	6471		Non Engraved
3	1st Floor Column (1:1.5:3)	4	8	2021	6x6x6		8.6	36	112	6969		Non Engraved
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> 1910 Dr. Umbreen

**Test Specification** 

To: **Sub Divisional Officer (Buildings)** 

**Sub Division Ferozwala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3272/2020-21)

Phase-II Group No.2 Residences Grade 01-10 4th Floor Column (P1)

Our Ref. No. CL/CED/ 4970 Dated:

Your Ref. No. No.1233

15-09-21 (BS 1881-116) Dated:

23-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 15-09-21 Tested on: 20-09-21 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	4th Floor Column(1:1.5:3)	13	6	2021	6x6x6		9.2	36	110	6844		Non Engraved
2	4th Floor Column(1:1.5:3)	13	6	2021	6x6x6		9.2	36	116	7218		Non Engraved
3	4th Floor Column(1:1.5:3)	13	6	2021	6x6x6		9	36	108	6720		Non Engraved
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Witnessed by:

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1910 Dr. Umbreen

To: Sub Divisional Officer (Buildings)

**Sub Division Ferozwala** 

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore (ADP No. 3272/2020-21)

Phase-II Group No.2 Residences Grade 11-14 4th Floor Column

Our Ref. No. CL/CED/ 4971

Dated: 23-09-21

Test Specification
(BS 1881-116)

Your Ref. No. No.1235 Dated: 15-09-21

## **COMPRESSION TEST REPORT**

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

Specimens received on: 15-09-21 Tested on: 20-09-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	4th Floor	11	6	2021	(in) 6x6x6		8.6	36	(Imp. rons) 83	(psi) 5164		Non Engraved
2	Column(1:1.5:3) 4th Floor Column(1:1.5:3)	11	6	2021	6x6x6		8.2	36	88	5476		Non Engraved
3	4th Floor Column(1:1.5:3)	11	6	2021	6x6x6		8.4	36	90	5600		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>

- 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.

1887 Dr. Umbreen

To: M. Shahbaz Iqbal

M/s BPS (Pvt.) Ltd. Lahore.

**Project: Alpha Homes Project** 

Our Ref. No. CL/CED/ 4972 Dated: 23-09-21

Your Ref. No. Nil Dated: 10-09-21 (ASTM C39)

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 21-09-21 in dry/wet condition



**Test Specification** 



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	Column (41-A,42-D) GF	23	8	2021	6Diax12		14	28.28	59	4673		Non Engraved
2	Column (41-A,42-D) GF	23	8	2021	6Diax12		14	28.28	53	4198		Non Engraved
3	Column (41-A,42-D) GF	23	8	2021	6Diax12		13.8	28.28	57	4515		Non Engraved
4												
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.



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.

1887 Dr. Umbreen

To: M. Shahbaz Iqbal

M/s BPS (Pvt.) Ltd. Lahore.

**Project: Alpha Homes Project** 

Our Ref. No. CL/CED/ 4972 Dated: 23-09-21

Your Ref. No. Nil Dated: 10-09-21 (ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 13-09-21 Tested on: 21-09-21 in dry/wet condition



**Test Specification** 



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
•	Column (42-B,41-B) Lift GF	16	8	2021	6Diax12		14	28.28	59	4673		Non Engraved
_	Column (42-B,41-B) Lift GF	16	8	2021	6Diax12		13.8	28.28	59	4673		Non Engraved
3	Column (42-B,41-B) Lift GF	16	8	2021	6Diax12		13.6	28.28	63	4990		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>

- 1. \* as engraved on the specimens (if any)
- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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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.

1887 Dr. Umbreen

To: M. Shahbaz Iqbal

M/s BPS (Pvt.) Ltd. Lahore.

**Project: Alpha Homes Project** 

Our Ref. No. CL/CED/ 4974 Dated: 23-09-21

Your Ref. No. Nil Dated: 10-09-21 (ASTM C39)

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 21-09-21 in dry/wet condition



**Test Specification** 



Non Engraved Non Engraved Non Engraved Non Engraved
Non Engraved  Non Engraved  Non Engraved
Non Engraved Non Engraved
Non Engraved

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.



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.

1898 Dr. Umbreen

To: M/s Tijaarat Developers (Pvt.) Ltd.

Lahore.

Project:Nil

Your Ref. No.

Our Ref. No. CL/CED/ 4975 Dated: 23-09-21

Dated: 13-09-21

**Test Specification** 

( ASTM C39 )

## **COMPRESSION TEST REPORT**

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

Specimens received on: 14-09-21 Tested on: 21-09-21 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		15	8	2021	6Diax12		13	28.28	35	2772		Non Engraved
2		15	8	2021	6Diax12		13	28.28	37	2931		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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- 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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**ORIGINAL** 

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

> 1815 Dr. M. Yousaf

To: Assistant Project Director

**PMU-SBP Multan** 

Project:Construction of Playground for the Site Tehsil Sports Complex at Kabirwala District Khanewal (GS

No. 508/549)

Our Ref. No. CL/CED/ 4976 Dated:

Your Ref. No. No. APD/PMU/SBP/MUL/21-241 Dated: 12-08-21

Test Specification

23-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 30-08-21 Tested on: 17-09-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	G*K				8.8x4.3x3.0		2820	37.84	43	2545		
2	G*K				8.9x4.3x3.1		2890	38.27	48	2810		
3	G*K				8.8x4.3x3.0		2868	37.84	33	1953		
4	G*K				8.9x4.3x3.1		2931	38.27	45	2634		
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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 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.

> 1857 Dr.Umbreen

To: Mr. Rashid Kamran (Resident Engineer)

Our Ref. No. CL/CED/ 4977

MESPAK (Pvt.) Ltd. Lahore. (Construction Management Division)

Project: Rehabilitation and Improvement of Streets and Drainage in UC 231-242 Shama Colony Lahore.

Troject. Renabilitation and improvement of circles and Brainage in 66 201-242 onama colony Landre.

Your Ref. No. 4047-R2/13/RK/03/153 Dated: 23-06-21

 Dated:
 23-09-21
 Test Specification

 Dated:
 23-06-21
 (---)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 07-09-21 Tested on: 23-09-21 in dry/wet condition





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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)	(Kg/ gms)	(Sq. in)	(Imp.Tons)		on (%)	
1	B-3				8.9x4.3x3.0	3577	3225	38.27	63	3687	10.91	
2	B-3				8.8x4.3x2.9	3549	3199	37.84	47	2782	10.94	
3	B-3				8.8x4.3x2.9	3487	3145	37.84	39	2309	10.87	
4	B-3				8.8x4.3x3.0	3633	3275	37.84	51	3019	10.93	
5	B-3				8.9x4.3x3.0	3484	3140	38.27	43	2517	10.96	
6	B-3				8.9x4.3x2.9	3513	3165	38.27	57	3336	11	
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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.



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.

> 1912 Dr.Umbreen

To: Engr. Farjad Shabbir (Asst. Planning & Coordination Engr.

M/s Izhar Construction (Pvt.) Ltd. Lahore.

Project: Spinning Unit -04, Riaz Textile Mills, Ferozwala Watwan

 Our Ref. No. CL/CED/
 4978
 Dated:
 23-09-21
 Test Specification

 Your Ref. No.
 ICPL-RTM-SU4-CT-150921
 Dated:
 15-09-21
 (BS 1881-116)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 15-09-21 Tested on: 23-09-21 in dry/wet condition





Sr. No.	Mark*	Casting Date*				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	229((1:2:4) 2700 Psi	8	9	2021	6x6x6		9	36	77	4791		Engraved
2	230((1:2:4) 2700 Psi	8	9	2021	6x6x6		9.2	36	79	4916		Engraved
3	231((1:2:4) 2700 Psi	8	9	2021	6x6x6		9.2	36	92	5724		Engraved
4	52((1:2:4) 3500 Psi	18	8	2021	6x6x6		9	36	61	3796		Non Engraved
5	53((1:2:4) 3500 Psi	18	8	2021	6x6x6	CTME	RIA9	36	98	6098		Non Engraved
6	54((1:2:4) 3500 Psi	18	8	2021	6x6x6	READIN	9	36	94	5849		Non Engraved
7	58((1:1.5:3) 4450 Psi	18	8	2021	6x6x6	DHE NIGGE OF THY LIDRO WHO	9	36	124	7716		Non Engraved
8	59((1:1.5:3) 4450 Psi	18	8	2021	6x6x6		9	36	120	7467		Non Engraved
9	60((1:1.5:3) 4450 Psi	18	8	2021	6x6x6		9	36	128	7964		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>

- 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.



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.

> 1871 Dr.Umbreen

To: Engr.Tajammal Farooq (Resident Engineer)

M/s AZ Engineering Associates

Project: Stem School System Situated Near Sundar Addah at 18-KM, Multan Road. (External Works)

Our Ref. No. CL/CED/ 4979 Dated: 23-09-21 <u>Test Specification</u>

Your Ref. No. No. RE/MT-23 Dated: 08-09-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 10-09-21 Tested on: 23-09-21 in dry/wet condition





Sr. 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 (%)	
Keb Stone				6.0x6.0x6.0		8.8	36	43	2676		Cut Cube
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				)	READ AL	200	<b>X</b>				
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	Keb Stone	Mark* DD Keb Stone	Mark*    DD   MM     Keb Stone	DD MM YYYY	Mark*  DD MM YYYY (in)  Keb Stone 6.0x6.0x6.0	Mark*   DD   MM   YYYY   (in)   (Kg/gms)	Mark*         Casting Date*         Size         Weight         Weight           Keb Stone           6.0x6.0x6.0          8.8	Mark*	Mark*	Mark*	Mark*   Casting Date*   Size   Weight   Weight   X-Section   load   Stress   Absorption (%)

#### 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

- 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.

> 1923 Dr.Umbreen

To: Mr. Abdullah Badar (Site Engineer)

M/s Banu Mukhtar Contracting (Pvt.) Ltd. Lahore.

Project: Naveena Export (Pvt.) Ltd.

 Our Ref. No. CL/CED/
 4980
 Dated:
 23-09-21
 Test Specification

 Your Ref. No.
 BM/NaveenaExport /007
 Dated:
 17-09-21
 (BS 1881-116)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 17-09-21 Tested on: 23-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	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 (%)	
1	Column (4500) Psi	20	8	2021	6x6x6		9	36	122	7591		Non Engraved
2	Column (4500) Psi	20	8	2021	6x6x6		9	36	108	6720		Non Engraved
3	Column (4500) Psi	20	8	2021	6x6x6		9	36	94	5849		Non Engraved
4	Footing (3000) Psi	10	9	2021	6x6x6		9	36	51	3173		Non Engraved
5	Footing (3000) Psi	10	9	2021	6x6x6	GINE	RI/9.	36	73	4542		Non Engraved
6	Footing (3000) Psi	10	9	2021	6x6x6	READIN	9	36	67	4169		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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- 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.

1931 Dr. Umbreen

To: Deputy Director (Technical)

Anti-Corruption Establishment Multan, Region, Multan

Project: Complaint No. 2027 Khanewal

 Our Ref. No. CL/CED/
 4981
 Dated:
 23-09-21
 Test Specification

 Your Ref. No.
 ACE-MR-(CC-2027)21-6679
 Dated:
 18-09-21
 (BS 1881-116)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 20-09-21 Tested on: 23-09-21 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	Kerb Stone (RD- 26+00)				6x6x6		7	36	9	560		Cut Cube
2	Kerb Stone (RD- 26+00)				6x6x6		6.2	36	11	684		Cut Cube
3												
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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 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.

1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID:43330

Our Ref. No. CL/CED/ 4982 Dated: 23-09-21

Your Ref. No. CME/Cubes/CMPAK/758 Dated: 05-09-21 (BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-09-21 Tested on: 17-09-21 in dry/wet condition



**Test Specification** 



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 (%)	
Drill Pier + ODU Pad (1:1.5:3)	8	8	2021	6x6x6		8.2	36	104	6471		Non Engraved
Drill Pier + ODU Pad (1:1.5:3)	8	8	2021	6x6x6		8.2	36	94	5849		Non Engraved
				/	GINE	RIATE					
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				(	-LA	IORE.					
	Drill Pier + ODU Pad (1:1.5:3)  Drill Pier + ODU Pad (1:1.5:3)	Mark*  DD  Drill Pier + ODU Pad (1:1.5:3)  Drill Pier + ODU Pad (1:1.5:3)	Mark*  DD MM  Drill Pier + ODU Pad (1:1.5:3)  Drill Pier + ODU Pad (1:1.5:3)	DD MM YYYY    Drill Pier + ODU Pad (1:1.5:3)   8   8   2021   Pad (1:1.5:3)   8   8   2021   Pad (1:1.5:3)	DD   MM YYYY	Mark*    DD   MM   YYYY   (in)   (Kg/gms)	Drill Pier + ODU Pad (1:1.5:3)   8   8   2021   6x6x6     8.2	Mark*         Casting Date*         Size         Weight Weight Weight (Kg/gms)         X-Section (Sq. in)           Drill Pier + ODU Pad (1:1.5:3)         8         8         2021         6x6x6          8.2         36           Drill Pier + ODU Pad (1:1.5:3)         8         8         2021         6x6x6          8.2         36	Mark*   Casting Date*   Size   Weight   Weight   Weight   Weight   Weight   Weight   Meight   Meight	Mark*   Casting Date*   Size   Weight   Weight   X-Section   load   Stress   (Kg/gms)   (Kg/gms)	Mark*         Casting Date*         Size         Weight Weight Weight (Kg/gms)         X-Section load (Sq. in) (Imp.Tons)         Water Absorption (%) (psi) on (%)           Drill Pier + ODU Pad (1:1.5:3)         8         8         2021         6x6x6          8.2         36         104         6471            Drill Pier + ODU Pad (1:1.5:3)         8         8         2021         6x6x6          8.2         36         94         5849

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)
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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

- 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.

1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID: 43471

Our Ref. No. CL/CED/ 4983 Dated:

Your Ref. No. CME/Cubes/CMPAK/760 Dated: 05-09-21

Test Specification
( BS 1881-116 )

23-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-09-21 Tested on: 17-09-21 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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	RT Complete Foundation	8	8	2021	6x6x6		8.6	36	63	3920		Non Engraved
2	RT Complete Foundation	8	8	2021	6x6x6		8.4	36	102	6347		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>

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



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.

> 1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID: 43352

Our Ref. No. CL/CED/ 4984

Dated: 23-09-21

Your Ref. No. CME/Cubes/CMPAK/761 Dated: 06-09-21

**Test Specification** 

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-09-21 Tested on: 17-09-21 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	Drill Pier + ODU Pad	9	8	2021	6x6x6		8.2	36	90	5600		Non Engraved
2	Drill Pier + ODU Pad	9	8	2021	6x6x6		8.4	36	98	6098		Non Engraved
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Witnessed by:

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

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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

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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.

1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID: 43352

Our Ref. No. CL/CED/ 4985 Dated:

Your Ref. No. CME/Cubes/CMPAK/748 Dated: 10-09-21

Test Specification
(BS 1881-116)

23-09-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 14-09-21 Tested on: 17-09-21 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	ODU Pad (1:1.5:3)	13	8	2021	6x6x6		8.4	36	87	5413		Non Engraved
2	ODU Pad (1:1.5:3)	13	8	2021	6x6x6		8.4	36	120	7467		Non Engraved
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4												
5					/	GINE	RINA					
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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)
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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 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.



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.

1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID: 43465

Our Ref. No. CL/CED/ 4986 Dated: 23-09-21 <u>Test Specification</u>

Your Ref. No. CME/Cubes/CMPAK/759 Dated: 10-09-21 (BS 1881-116)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 14-09-21 Tested on: 17-09-21 in dry/wet condition





Sr. No.	Mark*	Casting Date*		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	RT Complete Foun(1:1.5:3)	13	8	2021	6x6x6		8.5	36	90	5600		Non Engraved
2	RT Complete Foun(1:1.5:3)	13	8	2021	6x6x6		8.5	36	108	6720		Non Engraved
3												
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5					/	GINE	RIATE					
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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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- 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.



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.

1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID: 42942

Our Ref. No. CL/CED/ 4987 Dated: 23-09-21

Your Ref. No. CME/Cubes/CMPAK/762 Dated: 11-09-21 (BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-09-21 Tested on: 17-09-21 in dry/wet condition



**Test Specification** 



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	Raft (1:1.5:3)	14	8	2021	6x6x6		8.4	36	97	6036		Non Engraved
2	Raft (1:1.5:3)	14	8	2021	6x6x6		8.4	36	101	6284		Non Engraved
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4												
5					/	AGINE	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>

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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 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.



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.

1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID: 42942

Our Ref. No. CL/CED/ 4988 Dated: 23-09-21 <u>Test Specification</u>

Your Ref. No. CME/Cubes/CMPAK/763 Dated: 12-09-21 (BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-09-21 Tested on: 17-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	Casting Date*		Date* Size		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	Column (1:1.5:3)	15	8	2021	6x6x6		8.2	36	81	5040		Non Engraved
2	Column (1:1.5:3)	15	8	2021	6x6x6		8.2	36	100	6222		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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- 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.



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.

1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID: 43461

Our Ref. No. CL/CED/ 4989 Dated: 23-09-21

Your Ref. No. CME/Cubes/CMPAK/764 Dated: 13-09-21 (BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-09-21 Tested on: 17-09-21 in dry/wet condition



**Test Specification** 



Sr. No.	Mark*	Casting 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	Raft(1:1.5:3)	16	8	2021	6x6x6		8.2	36	98	6098		Non Engraved
2	Raft(1:1.5:3)	16	8	2021	6x6x6		8.2	36	90	5600		Non Engraved
3												
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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.



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.

1900 Dr. M.Yousaf

To: Mr. Imran Akhtar (Project Manager)

CM Engineering (Pvt.) Ltd. Lahore.

Project: CMPAK Site ID: 43461

Our Ref. No. CL/CED/ 4990 Dated: 23-09-21

Your Ref. No. CME/Cubes/CMPAK/765 Dated: 14-09-21

Test Specification
(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 14-09-21 Tested on: 17-09-21 in dry/wet condition





Sr. No.	Mark*			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	Column(1:1.5:3)	17	8	2021	6x6x6		8.4	36	99	6160		Non Engraved
2	Column(1:1.5:3)	17	8	2021	6x6x6		8.4	36	98	6098		Non Engraved
3												
4												
5					/	GINE	RING					
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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.



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.

1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

Our Ref. No. CL/CED/ 4992

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1)

Dated:

23-09-21

Your Ref. No. AEC/MBC/2021/110 Dated: 07-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition



**Test Specification** 

(BS 1881-116)



Sr. No.	Mark*	Cas	Casting 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	Columns (P-2) Top Floor (1:1.5:3)	30	6	2021	6x6x6		8.4	36	102	6347		Non Engraved
2	Columns (P-2) Top Floor (1:1.5:3)	30	6	2021	6x6x6		8.6	36	118	7342		Non Engraved
3	Columns (P-2) Top Floor (1:1.5:3)	30	6	2021	6x6x6		8.8	36	124	7716		Non Engraved
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15			I									
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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 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.

1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

Our Ref. No. CL/CED/ 4993

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1)

Toject. Establishment of Mother & Office Block in Oil Ganga Rain Hospital Earlore. (Group No.1)

Dated:

23-09-21

Your Ref. No. AEC/MBC/2021/111 Dated: 07-09-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition



**Test Specification** 

(BS 1881-116)



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	Columns (P-3) Top Floor (1:1.5:3)	31	6	2021	6x6x6		8.6	36	116	7218		Non Engraved
2	Columns (P-3) Top Floor (1:1.5:3)	31	6	2021	6x6x6		8.5	36	110	6844		Non Engraved
3	Columns (P-3) Top Floor (1:1.5:3)	31	6	2021	6x6x6		8.6	36	77	4791		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>

- 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.

1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

Our Ref. No. CL/CED/ 4994

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1)

Dated:

23-09-21

Your Ref. No. AEC/MBC/2021/112 Dated: 07-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition



**Test Specification** 

(BS 1881-116)



Sr. No.	Mark*	k*				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	Columns (P-1) Top Floor (1:1.5:3)	3	7	2021	6x6x6		8.6	36	120	7467		Non Engraved
2	Columns (P-1) Top Floor (1:1.5:3)	3	7	2021	6x6x6		8.8	36	140	8711		Non Engraved
3	Columns (P-1) Top Floor (1:1.5:3)	3	7	2021	6x6x6		8.4	36	120	7467		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>

- 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.

> 1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

Our Ref. No. CL/CED/ 4995

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1)

Toject. Establishment of Mother & Office Block in Oil Ganga Rain Hospital Earlore. (Group No.1)

Dated:

23-09-21

Your Ref. No. AEC/MBC/2021/113 Dated: 07-09-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition



**Test Specification** 

(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	Columns (P-3) 7th Floor (1:1.5:3)	10	7	2021	6x6x6		8.6	36	112	6969		Non Engraved
2	Columns (P-3) 7th Floor (1:1.5:3)	10	7	2021	6x6x6		8.8	36	124	7716		Non Engraved
3	Columns (P-3) 7th Floor (1:1.5:3)	10	7	2021	6x6x6		8.4	36	114	7093		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 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.

1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

AEC/MBC/2021/114

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1) (P-2)

Water Tank Bed Top

Your Ref. No.

Our Ref. No. CL/CED/ 4996

Dated: 23-09-21

Test Specification
(BS 1881-116)

Dated: 07-09-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 13-09-21 Tested on: 20-09-21 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	Lift Well (P-2)WT Bed Top (1:1.5:3)	1	8	2021	6x6x6		8.4	36	110	6844		Non Engraved
2	Lift Well (P-2)WT Bed Top (1:1.5:3)	1	8	2021	6x6x6		8.8	36	118	7342		Non Engraved
3	Lift Well (P-2)WT Bed Top (1:1.5:3)	1	8	2021	6x6x6		9	36	116	7218		Non Engraved
4												
5					/	GINE	RIATE					
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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 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.

> 1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1) (P-2) Lift

**Well Top Floor** 

Our Ref. No. CL/CED/ 4997

Dated: 23-09-21

**Test Specification** 

Your Ref. No. AEC/MBC/2021/115

Dated: 07-09-21

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition





Non Engraved Non Engraved Non Engraved
Non Engraved
Non Engraved

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 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.

1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

AEC/MBC/2021/116

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1) (P-1) Lift

**Well Top Floor** 

Your Ref. No.

Our Ref. No. CL/CED/ 4998

Dated: 23-09-21

**Test Specification** 

Dated: 07-09-21

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition





Sr. No.	Mark*	Cas	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.Tons)	(psi)	on (%)	
•	Lift Well (P-1) Top Floor (1:1.5:3)	14	7	2021	6x6x6		8.6	36	124	7716		Non Engraved
2	Lift Well (P-1) Top Floor (1:1.5:3)	14	7	2021	6x6x6		9	36	124	7716		Non Engraved
3	Lift Well (P-1) Top Floor (1:1.5:3)	14	7	2021	6x6x6		8.8	36	108	6720		Non Engraved
4												
5					/	RILLE	RING					
6						READIN	200	<b>X</b>				
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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 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.

> 1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

AEC/MBC/2021/117

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1) (P-1) Lift

Well 7th Floor

Your Ref. No.

Our Ref. No. CL/CED/ 4999

Dated: 23-09-21

Test Specification
( BS 1881-116 )

Dated: 07-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition





Sr. No.				Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
			MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (70)	
1	Lift Well (P-3) 7th Floor (1:1.5:3)	12	7	2021	6x6x6		9	36	114	7093		Non Engraved
2	Lift Well (P-3) 7th Floor (1:1.5:3)	12	7	2021	6x6x6		8.5	36	98	6098		Non Engraved
3	Lift Well (P-3) 7th Floor (1:1.5:3)	12	7	2021	6x6x6		9	36	108	6720		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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- 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.

1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1) (P-1) Roof

Slab Top Floor

Our Ref. No. CL/CED/ 5000

Dated: 23-09-21

Test Specification
( BS 1881-116 )

Your Ref. No. AEC/MBC/2021/118 Dated: 07-09-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition





Sr. No. Mark*		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 (%)	
•	Roof Slab (P-1) Top Floor (1:2:4)	3	8	2021	6x6x6		8.4	36	104	6471		Non Engraved
2	Roof Slab (P-1) Top Floor (1:2:4)	3	8	2021	6x6x6		8.6	36	104	6471		Non Engraved
3	Roof Slab (P-1) Top Floor (1:2:4)	3	8	2021	6x6x6		8.8	36	104	6471		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>

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

- 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.

1883 Dr. Umbreen

To: Engr. Abdul Karim (Resident Engineer)

M/s Allied Engineeing Consultants (Pvt.) Ltd. Lahore.

AEC/MBC/2021/119

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore. (Group No.1) (P-3) Roof

Slab 7th Floor

Your Ref. No.

Our Ref. No. CL/CED/ 5001

Dated: 23-09-21

Test Specification
( BS 1881-116 )

Dated: 07-09-21

**COMPRESSION TEST REPORT** 

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

Specimens received on: 13-09-21 Tested on: 20-09-21 in dry/wet condition





Sr. No.	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	Roof Slab (P-3) 7th Floor (1:2:4)	16	7	2021	6x6x6		8.6	36	108	6720		Non Engraved
2	Roof Slab (P-3) 7th Floor (1:2:4)	16	7	2021	6x6x6		8.4	36	120	7467		Non Engraved
3	Floor (1:2:4) Roof Slab (P-3) 7th Floor (1:2:4)	16	7	2021	6x6x6		8.8	36	98	6098		Non Engraved
4												
5					/	GINE	RING					
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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 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.