

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.

1720 Dr. M. Yousaf

To: Mr. M. Shahbaz

M/s Imperium Hospitality (Pvt.) Ltd. Lahore.

Project: Nil

 Our Ref. No. CL/CED/
 4671
 Dated:
 16-08-21
 Test Specification

 Your Ref. No.
 IHPL/Con/360
 Dated:
 03-08-21
 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 09-08-2021. Tested on: 13-08-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	10(8000) Psi	10	7	2021	6Diax12		14.2	28.28	98	7762		Non Engraved
2	11(8000) Psi	10	7	2021	6Diax12		14	28.28	100	7921		Non Engraved
3	12(8000) Psi	10	7	2021	6Diax12		14	28.28	86	6812		Non Engraved
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Witnessed by: Rafi Ullah 34501-6261679-5

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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> 1719 Dr. Umbreen

To: M. Saleem (GM)

M/s Professioinal Construction Services (Pvt.) Ltd. Lahore.

Project: Construction of Khalil & Naushaba' House Aitchsion College

Our Ref. No. CL/CED/ 4712 Dated: 20-08-21

Your Ref. No. PCS/21/Eng-82 Dated: 10-08-21

Test Specification
( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 10-08-2021. Tested on: 17-08-21 in dry/wet condition





Sr. No.	Mark*	Cas	Casting Da	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 (%)	
1	Columns (1:1.5:3)	24	6	2021	6Diax12	OINE	13.2	28.28	45	3564		Non Engraved
2	Columns (1:1.5:3)	24	6	2021	6Diax12	STEEL STEEL	13.4	28.28	61	4832		Non Engraved
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#### Witnessed by:

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

 $\underline{\textbf{Note:}} \ \textbf{Above results pertain to the unsealed samples supplied to the laboratory}$ 

- 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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> 1719 Dr. Umbreen

To: M. Saleem (GM)

M/s Professioinal Construction Services (Pvt.) Ltd. Lahore.

Project: Construction of Khalil & Naushaba' House Aitchsion College

Our Ref. No. CL/CED/ 4713 Dated: 20-08-21

Your Ref. No. PCS/21/Eng-83 Dated: 10-08-21

## Test Specification ( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 10-08-2021. Tested on: 17-08-21 in dry/wet condition





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 (%)	
Columns (1:1.5:3)	11	7	2021	6Diax12	OTHE	14	28.28	53	4198		Non Engraved
Columns (1:1.5:3)	11	7	2021	6Diax12	FILL IN	13.6	28.28	49	3881		Non Engraved
					THE NAME LIGHT WAYS	(\$1 <u></u>					
				50	CREATES	120 021	-				
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				(	# /A	IOR'S					
	Columns (1:1.5:3)  Columns (1:1.5:3)	Mark* DD Columns (1:1.5:3) 11	Mark*  DD MM  Columns (1:1.5:3) 11 7	Mark*  DD MM YYYY  Columns (1:1.5:3) 11 7 2021	Mark*  DD MM YYYY (in)  Columns (1:1.5:3) 11 7 2021 6Diax12	Mark*  DD MM YYYY (in) (Kg/gms)  Columns (1:1.5:3) 11 7 2021 6Diax12  Columns (1:1.5:3) 11 7 2021 6Diax12	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms)  Columns (1:1.5:3) 11 7 2021 6Diax12 14  Columns (1:1.5:3) 11 7 2021 6Diax12 13.6	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)  Columns (1:1.5:3) 11 7 2021 6Diax12 14 28.28  Columns (1:1.5:3) 11 7 2021 6Diax12 13.6 28.28	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)  Columns (1:1.5:3) 11 7 2021 6Diax12 14 28.28 53  Columns (1:1.5:3) 11 7 2021 6Diax12 13.6 28.28 49	Mark*   DD   MM   YYYY   (in)   (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) (psi)	Mark*   DD   MM YYYY   (in)   (Kg/gms)   (Kg/gms)   (Sq. in)   (Imp.Tons)   (psi)   on (%)

#### Witnessed by:

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- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 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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1726 Dr. Umbreen

To: Mr. Abdul Qadir Ali

71-A Block Fateh Gar, Lahore.

Project: Nil

Our Ref. No. CL/CED/ 4714

Your Ref. No. Nil Dated: 10-08-21

**Test Specification** 

( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on: 10-08-2021. Tested on: 17-08-21 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	Raft	12	7	2021	6Diax12		14	28.28	31	2455		Non Engraved
2	Raft	12	7	2021	6Diax12		14	28.28	34	2693		Non Engraved
3	Raft	12	7	2021	6Diax12		13	28.28	37	2931		Non Engraved
4	Raft	12	7	2021	6Diax12		13.4	28.28	37	2931		Non Engraved
5	Raft	12	7	2021	6Diax12	GINE	13.5	28.28	37	2931		Non Engraved
6	Raft	12	7	2021	6Diax12	READIN	14	28.28	35	2772		Non Engraved
7	Raft	12	7	2021	6Diax12	DHE NAME OF THY LORD WHO	- 14	28.28	41	3248		Non Engraved
8	Raft	12	7	2021	6Diax12	رشيا	12.4	28.28	31	2455		Non Engraved
9	Raft	12	7	2021	6Diax12	\(	13.2	28.28	19	1505		Non Engraved
10	Raft	12	7	2021	6Diax12	LA	13.4	28.28	23	1822		Non Engraved
11	Raft	12	7	2021	6Diax12		13.6	28.28	21	1663		Non Engraved
12	Raft	12	7	2021	6Diax12		13.5	28.28	31	2455		Non Engraved
13												
14												
15												
16												

Dated:

20-08-21

Witnessed by:

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- 2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 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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> 1738 Dr. Umbreen

To: Mr. Hafiz Ozair Ahmed (Deputy Director Q.C.D)

WASA, LDA, Lahore.

Project: Tender No. XEN (O&M)/GT/2020-21/296/Completion of Construction Work at the Building in Green

Town SUb Division WASA, L.D.A Lahore.(Part-A)(M/s Stallion Construction Pvt. Ltd).

Our Ref. No. CL/CED/ 4715 Dated: 20-08-21

Your Ref. No. No.QCD/1062-63 Dated: 05-08-21

**Test Specification** 

( ASTM C39 )

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 12-08-2021. Tested on: 17-08-21 in dry/wet condition





		Cas	tine	Doto*	Size	Wet	Dry	Area of	Ultimate	Ultimate	Water	
Sr. No.	Mark*	Cas	ung	Date*	Size	Weight	Weight	X-Section	load	Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		25	6	2021	6Diax12		13	28.28	73	5782		Non Engraved
2		25	6	2021	6Diax12		14	28.28	92	7287		Non Engraved
3		25	6	2021	6Diax12		13	28.28	94	7446		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)
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**ORIGINAL** 

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1701 Dr. Umbreen

To: M/s M. Siddique Sons Building Contractor (Pvt.) Ltd.

Lahore.

Project: Location 113/4-M Quaid e Azam Industrial Estate, Lahore.

Our Ref. No. CL/CED/ 4716

Your Ref. No. Nil Dated: 09-08-21

Dated:

20-08-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 09-08-2021. Tested on: 17-08-21 in dry/wet condition



**Test Specification** 

( ASTM C39 )



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	G.Floor Columns (4000)Psi	13	7	2021	6Diax12		14	28.28	79	6257		Engraved
2	G.Floor Columns (4000)Psi	13	7	2021	6Diax12		13.6	28.28	73	5782		Engraved
3	G.Floor Columns (4000)Psi	13	7	2021	6Diax12		13.5	28.28	67	5307		Engraved
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Witnessed by:

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1701 Dr. Umbreen

To: M/s M. Siddique Sons Building Contractor (Pvt.) Ltd.

Lahore.

Project: Location 113/4-M Quaid e Azam Industrial Estate, Lahore.

Our Ref. No. CL/CED/ 4717

Your Ref. No. Nil Dated: 09-08-21

Dated:

20-08-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 09-08-2021. Tested on: 17-08-21 in dry/wet condition



**Test Specification** 

( ASTM C39 )



		,										
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	Ground Floor Lifts (3000)Psi	15	7	2021	6Diax12		13.2	28.28	33	2614		Engraved
2	Ground Floor Lifts (3000)Psi	15	7	2021	6Diax12		13.2	28.28	25	1980		Engraved
3	Ground Floor Lifts (3000)Psi	15	7	2021	6Diax12		13.2	28.28	35	2772		Engraved
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Witnessed by:

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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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1697 Dr. Umbreen

To: Engr. Asif Jah (Executive Engineer Tamirat)

M/s Anjuman Himayat-I-Islam, Lahore. (M/s Ch. Magsood Ahmed)

Project: Construction of Charity Plaza AHI, Lahore.

 Our Ref. No. CL/CED/
 4718
 Dated:
 20-08-21
 Test Specification

 Your Ref. No.
 AHI/TM:1188
 Dated:
 03-08-21
 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 06-08-2021. Tested on: 17-08-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
		טט	IALIAL		(111)	(rtg/ gills)	(rtg/ gills)	(04. 111)	(IIIIp. I Olis)	(pai)		
1	Retaining Wall (1:1.5:3)	2	7	2021	6Diax12		13	28.28	61	4832		Non Engraved
2	Retaining Wall (1:1.5:3)	2	7	2021	6Diax12		13	28.28	63	4990		Non Engraved
3												
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5					/	CHE	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
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1697 Dr. Umbreen

To: Engr. Asif Jah (Executive Engineer Tamirat)

M/s Anjuman Himayat-I-Islam, Lahore. (M/s Ch. Magsood Ahmed)

Project: Construction of Charity Plaza AHI, Lahore.

 Our Ref. No. CL/CED/
 4719
 Dated:
 20-08-21
 Test Specification

 Your Ref. No.
 AHI/TM:1196
 Dated:
 26-08-21
 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 06-08-2021. Tested on: 17-08-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Columns (1:1:2)	2	7	2021	6Diax12		13	28.28	61	4832		Non Engraved
2	Columns (1:1:2)	2	7	2021	6Diax12		13	28.28	45	3564		Non Engraved
3												
4												
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6						READIN						
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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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1697 Dr. Umbreen

To: Engr. Asif Jah (Executive Engineer Tamirat)

M/s Anjuman Himayat-I-Islam, Lahore. (M/s Ch. Magsood Ahmed)

Project: Construction of Charity Plaza AHI, Lahore.

 Our Ref. No. CL/CED/
 4720
 Dated:
 20-08-21
 Test Specification

 Your Ref. No.
 AHI/TM:1196
 Dated:
 26-08-21
 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 06-08-2021. Tested on: 17-08-21 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	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Raft (1:2:4)	7	6	2021	6Diax12		13.4	28.28	39	3089		Non Engraved
2	Raft (1:2:4)	7	6	2021	6Diax12		13.2	28.28	47	3723		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.

1707 Dr. Umbreen

To: Mr.M. Shahbaz Iqbal

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

Our Ref. No. CL/CED/ 4721

Project: Construction of Alpha Homes, Lahore.

Your Ref. No. Nil Dated: 09-08-21

Dated:

20-08-21

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 09-08-2021. Tested on: 17-08-21 in dry/wet condition



**Test Specification** 

( ASTM C39 )



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 (%)	
Slab+17-00 AD 31 to 37	31	7	2021	6Diax12		14	28.28	43	3406		Non Engraved
	31	7	2021	6Diax12		14	28.28	45	3564		Non Engraved
Slab+17-00 AD 31 to 37	31	7	2021	6Diax12		14	28.28	45	3564		Non Engraved
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				/	GINE	RINE					
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	Slab+17-00 AD 31 to 37 Slab+17-00 AD 31 to 37 Slab+17-00 AD 31 to 37	Mark*  DD  Slab+17-00 AD 31 to 37 Slab+17-00 AD 31 to 37 Slab+17-00 AD 31 to 37	Mark*  DD MM  Slab+17-00  AD 31 to 37  Slab+17-00  AD 31 to 37  Slab+17-00  AD 31 to 37	DD MM YYYY	Mark*  DD MM YYYY (in)  Slab+17-00 AD 31 to 37	Nark*   DD   MM   YYYY   (in)   (Kg/gms)	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms)  Slab+17-00 AD 31 to 37 S	Mark*  DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)  Slab+17-00 AD 31 to 37 Slab-17-00 AD 3	Mark*  DD MM YYYY  (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)  Slab+17-00 AD 31 to 37 Slab+17-00 AD 31 to 37 Slab+17-00 AD 31 7 2021 6Diax12 14 28.28 45  Slab+17-00 AD 31 to 37 Slab+17-00 AD 31 0 37 Slab+17-00 AD 31 0 37	Mark*  DD MM YYYY  (in) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi)  Slab+17-00 AD 31 to 37 Slab+17-00	Mark*   DD   MM YYYY   (in)   (Kg/gms)   (Kg/gms)   (Sq. in)   (Imp.Tons)   (psi)   on (%)

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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- 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.

1707 Dr. Umbreen

To: Mr.M. Shahbaz Iqbal

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

Our Ref. No. CL/CED/ 4722

Project: Construction of Alpha Homes, Lahore.

Your Ref. No. Nil Dated: 09-08-21

Dated:

20-08-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 09-08-2021. Tested on: 17-08-21 in dry/wet condition



**Test Specification** 

( ASTM C39 )



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	Slab+5-00 A to D (40 to 44)	7	7	2021	6Diax12		13.2	28.28	47	3723		Non Engraved
2	Slab+5-00 A to D (40 to 44)	7	7	2021	6Diax12		13.2	28.28	51	4040		Non Engraved
3	Slab+5-00 A to D (40 to 44)	7	7	2021	6Diax12		15	28.28	59	4673		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.

1710 Dr. Umbreen

To: Engr. Amir Siddique (Project Engineer)

M/s Design Matrix (Pvt.) Ltd. Lahore.

Project: Nil

Your Ref. No.

Our Ref. No. CL/CED/ 4723

Dated:

Test Specification
( ASTM C39 )

Dated: 09-08-21

20-08-21

COMPRESSION TEST REPORT

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

Specimens received on: 09-08-2021. Tested on: 17-08-21 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(6000) Psi	4	7	2021	6Diax12		14	28.28	65	5149		Non Engraved
2	(6000) Psi	4	7	2021	6Diax12		14.2	28.28	57	4515		Non Engraved
3	(6000) Psi	4	7	2021	6Diax12		14.2	28.28	61	4832		Non Engraved
4	(4000) Psi	8	7	2021	6Diax12		13.5	28.28	39	3089		Non Engraved
5	(4000) Psi	8	7	2021	6Diax12	SEINE	13.4	28.28	55	4356		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

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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.

1677 Dr. Umbreen

**Test Specification** 

To: Mr.M.Shoaib (Project Manager)

M/s Gurmani Foundation

Project: Construction of College at Thatha Gurmani

Our Ref. No. CL/CED/ 4724

Your Ref. No. Nil Dated: 04-08-21

ated: 04-08-21 (ASTM C39)

20-08-21

Dated:

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 04-08-2021. Tested on: 17-08-21 in dry/wet condition





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.

> 1718 Dr. Umbreen

To: Sub Divisional Officer (Buildings)

Sub Division Ferozwala.

Project: Construction of Judicial Academy at Lahore Kala Shah Kaku, Lahore, (ADP 3271/2020-21)Phase-II

Group-2 Residence 11 to 14 3rd Floor Slab A

Our Ref. No. CL/CED/ 4725

Dated: 20-08-21

Test Specification
( BS 1881-116 )

Your Ref. No. No.1071/F Dated: 10-08-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 10-08-2021. Tested on: 17-08-21 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)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	RCC Roof (1:2:4)	29	5	2021	6x6x6		9	36	94	5849		Non Engraved
2	RCC Roof (1:2:4)	29	5	2021	6x6x6		9	36	75	4667		Non Engraved
3	RCC Roof (1:2:4)	29	5	2021	6x6x6		9	36	79	4916		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.

> 1718 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 3271/2020-21)Phase-II

Group-2 Residence 11 to 14 3rd Floor Slab B

No.1072/F

Our Ref. No. CL/CED/ 4726

Dated: 20-08-21

**Test Specification** 

Dated: 10-08-21

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 04-08-2021. Tested on: 17-08-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
1	RCC Roof Slab	DD 2	6	2021	(in) 6x6x6		(Kg/ gms)	(Sq. in)	(Imp.Tons) 69	(psi) 4293		Non Engraved
2	(1:2:4) RCC Roof Slab (1:2:4)	2	6	2021	6x6x6		9	36	86	5351		Non Engraved
3	RCC Roof Slab (1:2:4)	2	6	2021	6x6x6		9	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.

> 1718 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 3271/2020-21)Phase-II

Group-2 Residence 1 to 10 2nd Floor Slab P1

No.1071/F

Our Ref. No. CL/CED/ 4727

Dated: 20-08-21

**Test Specification** 

Dated: 10-08-21

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 10-08-2021. Tested on: 17-08-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	RCC Roof Slab (1:2:4)	6	5	2021	6x6x6		9	36	104	6471		Non Engraved
2	RCC Roof Slab (1:2:4)	6	5	2021	6x6x6		9	36	96	5973		Non Engraved
3	RCC Roof Slab (1:2:4)	6	5	2021	6x6x6		9	36	73	4542		Non Engraved
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Witnessed by:

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

> 1718 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 3271/2020-21)Phase-II

**Group-2 Residence 1 to 10 1st Floor Columns Part-2** 

No.1165/F

Our Ref. No. CL/CED/ 4728

Dated: 20-08-21

**Test Specification** 

Dated: 10-08-21

(BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 10-08-2021. Tested on: 17-08-21 in dry/wet condition





						107.4	_	Area of	Ultimate	Ultimate		
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	X-Section		Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC Columns (1:1.5:3)	25	6	2021	6x6x6		9	36	94	5849		Non Engraved
2	RCC Columns (1:1.5:3)	25	6	2021	6x6x6		9	36	83	5164		Non Engraved
3	RCC Columns (1:1.5:3)	25	6	2021	6x6x6		9	36	92	5724		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
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- 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.

1750 Dr. Umbreen

To: Engr. Abdul Sattar Ghafeel

Our Ref. No. CL/CED/ 4729

M/s SNK Constructions (Pvt.) Ltd. Lahore.

Project: Construction of Main Gate for Aghaaz Housing at Piplan Distt. Mianwali

Troject. Construction of Main Cate for Agricular Housing at Fiplan Dist. Manwain

Your Ref. No. Nil Dated: 10-08-21

Dated:

20-08-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 16-08-2021. Tested on: 17-08-21 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 load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	(1:2.5:2)	7	8	2021	6x6x6		8.6	36	83	5164		Engraved
2	(1:2.5:2)	7	8	2021	6x6x6		8.8	36	75	4667		Engraved
3	(1:2:4)	7	8	2021	6x6x6		9	36	59	3671		Non Engraved
4	(1:2:4)	7	8	2021	6x6x6		9	36	83	5164		Non Engraved
5	(1:1.75:3.5)	8	8	2021	6x6x6	GRIE	9.2	36	75	4667		Engraved
6	(1:1.75:3.5)	8	8	2021	6x6x6	READW	9	36	79	4916		Engraved
7	(1:1.5:3)	8	8	2021	6x6x6	CE THY CE THY	9	36	77	4791		Non Engraved
8	(1:1.5:3)	8	8	2021	6x6x6		9	36	88	5476		Non Engraved
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Witnessed by:

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- 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

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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.

1731 Dr. Umbreen

**Test Specification** 

To: Mr. Farrukh Jamal

Our Ref. No. CL/CED/ 4730

M/s Unicon Consulting Services (Pvt.) Ltd. Lahore.

Project: Construction of MCB, Wahdat Road Branch, Lahore.

Troject. Construction of MOB, Wandat Road Branch, Lanore.

Your Ref. No. Nil Dated: 10-08-21

Dated:

ated: 10-08-21 (BS 1881-116)

20-08-21

#### COMPRESSION TEST REPORT

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

Specimens received on: 11-08-21 Tested on: 17-08-21 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		22	5	2021	6x6x6		8.6	36	122	7591		Non Engraved
2		22	5	2021	6x6x6		8.8	36	104	6471		Non Engraved
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Witnessed by:

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

**ORIGINAL** 

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1731 Dr. Umbreen

To: Mr. Farrukh Jamal

Our Ref. No. CL/CED/ 4731

M/s Unicon Consulting Services (Pvt.) Ltd. Lahore.

Project: Construction of MCB, Wahdat Road Branch, Lahore.

Your Ref. No. Nil Dated: 10-08-21

ed: 10-08-21 (BS 1881-116)

20-08-21

Dated:

#### COMPRESSION TEST REPORT

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

Specimens received on: 11-08-21 Tested on: 17-08-21 in dry/wet condition



**Test Specification** 



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		23	5	2021	6x6x6		8.6	36	107	6658		Non Engraved
2		23	5	2021	6x6x6		8.6	36	98	6098		Non Engraved
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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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1731 Dr. Umbreen

**Test Specification** 

To: Mr. Farrukh Jamal

Our Ref. No. CL/CED/ 4732

M/s Unicon Consulting Services (Pvt.) Ltd. Lahore.

Project: Construction of MCB, Wahdat Road Branch, Lahore.

Your Ref. No. Nil Dated: 10-08-21

ed: 10-08-21 (BS 1881-116)

20-08-21

Dated:

#### COMPRESSION TEST REPORT

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

Specimens received on: 11-08-21 Tested on: 17-08-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		11	6	2021	6x6x6		8.4	36	51	3173		Engraved
2		11	6	2021	6x6x6		8.6	36	57	3547		Engraved
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Witnessed by:

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- 3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as 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.

1731 Dr. Umbreen

To: Mr. Farrukh Jamal

Our Ref. No. CL/CED/ 4733

M/s Unicon Consulting Services (Pvt.) Ltd. Lahore.

Project: Construction of MCB, Wahdat Road Branch, Lahore.

roject. Construction of Mob, Wandat Road Branch, Lanore.

Your Ref. No. Nil Dated: 10-08-21

Dated:

20-08-21 <u>Test Specification</u> 10-08-21 (BS 1881-116)

#### COMPRESSION TEST REPORT

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

Specimens received on: 11-08-21 Tested on: 17-08-21 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		27	6	2021	6x6x6		8.4	36	51	3173		Engraved
2		27	6	2021	6x6x6		8.4	36	52	3236		Engraved
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Witnessed by:

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

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

1740 Dr. Umbreen

To: Mr. Wasif Manzoor

M/s Salman Developers (Pvt.) Ltd. Lahore.

**Project: Construction of Grand Square Mall** 

Our Ref. No. CL/CED/ 4734

Your Ref. No. Dated:

10-08-21

Dated:

20-08-21

# ( ---- )

**Test Specification** 

#### COMPRESSION TEST REPORT

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

Specimens received on: 12-08-21 Tested on: 17-08-21 in dry/wet condition





						147.4		Area of	Ultimate	Ultimate		
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	X-Section		Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Fly Ash (SC)				8.9x4.3x2.9		3525	38.37	29	1693		
2	Fly Ash (SC)				8.9x4.3x2.8		3335	38.37	41	2394		
3	Fly Ash (SC)				8.9x4.3x2.8		3350	38.37	21	1226		
4	Fly Ash (SC)				8.8x4.3x2.8	/	3485	37.84	39	2309		
5	Fly Ash (SC)				8.9x4.3x2.8	GILL	3341	38.27	27	1580		
6	Fly Ash (SC)				8.9x4.3x2.8	READW	2930	38.27	19	1112		
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**ORIGINAL** 

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

1719 Dr. Umbreen

To: M. Saleem (GM)

M/s Professioinal Construction Services (Pvt.) Ltd. Lahore.

Project: Construction of Khalil & Naushaba' House Aitchsion College

Our Ref. No. CL/CED/ 4735 Dated: 20-08-21

Your Ref. No. PCS/21/Eng-84 Dated: 10-08-21 (ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on: 10-08-2021. Tested on: 17-08-21 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 Stress (psi)	Water Absorpti on (%)	Remarks
1	Footing (1:2:4)	7	7	2021	6Diax12		14	28.28	49	3881		Non Engraved
2	Footing (1:2:4)	7	7	2021	6Diax12		14	28.28	47	3723		Non Engraved
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Witnessed by:

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