

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.

> 4082 Dr. Mazhar

To: Engr. Muhammad Awais Iqbal

Project Manager, ELITE Engineering Pvt Limited

Project: Shell Filling Station Askari XI Lahore

Our Ref. No. CL/CED/ 160

26/10/2022 Dated: **Test Specification** Your Ref. No. Dated: 17/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 26/10/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Main Building Situ (37)	8	10	2022	6Diax12		12.8	28.28	43	3406		Non Engraved
2	Main Building Situ (38)	8	10	2022	6Diax12		12.8	28.28	37	2931		Non Engraved
3	Main Building Situ (39)	8	10	2022	6Diax12		13	28.28	41	3248		Non Engraved
4												
5						CINE	RING					
6			-			Tarration !						
7						THE NAME THE NAME CORD WHILE		<u></u>				
8					es	CREATES	37			-		
9			ł									
10			-			-/A	INRT.					
11												
12												
13												
14												
15												
16			-									

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 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.

> 4119 Dr. Mazhar

To: Engr. Zahid Hussain

Director Project, INNOVATIVE Construction Company

Project: Construction of TIM HORTONS at Phase 6 DHA, Lahore

Our Ref. No. CL/CED/ 161 26/10/2022 Dated: **Test Specification**

Your Ref. No. ICC/UET/111/1022/02 Dated: 21/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 26/10/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		4	10	2022	6Diax12		13	28.28	61	4832		Non Engraved
2		4	10	2022	6Diax12		12.8	28.28	67	5307		Non Engraved
3		4	10	2022	6Diax12		13.2	28.28	43	3406		Non Engraved
4												
5						CINE	RING					
6						Topanial						
7						THE NAME OF THY LIDED WHO	G N					
8						CAEATES	10007	3 -				
9						<u></u>		7				
10					(" - LA	INRE.					
11												
12												
13												
14												
15										-		
16												

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 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.

> 4119 Dr. Mazhar

(ASTM C39)

To: Engr. Zahid Hussain

Your Ref. No.

Director Project, INNOVATIVE Construction Company

ICC/UET/TH/1022/01

Project: Construction of TIM HORTONS at Phase 6 DHA, Lahore

Our Ref. No. CL/CED/ 162 Dated: 26/10/2022 <u>Test Specification</u>

Dated:

21/10/2022

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 26/10/2022 in dry/wet condition



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 (%)	
	5	10	2022	6Diax12		13.4	28.28	71	5624		Non Engraved
	5	10	2022	6Diax12		13.2	28.28	51	4040		Non Engraved
	5	10	2022	6Diax12		13	28.28	57	4515		Non Engraved
					CANIE	RINO					
					C GERTINE						
					THE NAME OF THY LIDED WHO	\$ \	4				
				53	CAEATES	10007					
							7				
				(*/ PIA	INRE.					
		DD 5 5 5 5	DD MM 5 10 5 10 5 10 5 10	DD MM YYYY 5 10 2022 5 10 2022 5 10 2022	DD MM YYYY (in) 5 10 2022 6Diax12 5 10 2022 6Diax12 5 10 2022 6Diax12	DD MM YYYY (in) (Kg/ gms) 5 10 2022 6Diax12 5 10 2022 6Diax12 5 10 2022 6Diax12	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) 5 10 2022 6Diax12 13.4 5 10 2022 6Diax12 13	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) 5 10 2022 6Diax12 13.4 28.28 5 10 2022 6Diax12 13.2 28.28 5 10 2022 6Diax12 13 28.28	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) (psi) 5 10 2022 6Diax12 13.4 28.28 71 5624 5 10 2022 6Diax12 13.2 28.28 51 4040 5 10 2022 6Diax12 13 28.28 57 4515	DD MM YYYY

Witnessed by:

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$

- 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.

> 4105 Dr. Mazhar

To: Engr. M. Abbas

Resident Engineer, City Survey & Engineering Consultants

Project: Green View Executive Apartments Phase-V

 Our Ref. No. CL/CED/
 163
 Dated:
 26/10/2022
 Test Specification

 Your Ref. No.
 CS/GVA//R.E/39/22
 Dated:
 20/10/2022
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 Tested on: 26/10/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	4500 Psi	30	6	2022	6Diax12		13.4	28.28	75	5941		Non Engraved
2	4500 Psi	30	6	2022	6Diax12		13.4	28.28	75	5941		Non Engraved
3	4500 Psi	30	6	2022	6Diax12		13.6	28.28	77	6099		Non Engraved
4												
5						GINE	RINO					
6						Topanial						
7						THE NAME OF THY LIDED WHO	\$ \					
8					53	CAEATES	10007					
9), <u></u>		7				
10					(TA PLA	INRE.					
11												
12												
13												
14												
15												
16												

Witnessed by:

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$

- 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.

> 4105 Dr. Mazhar

To: Engr. M. Abbas

Resident Engineer, City Survey & Engineering Consultants

Project: Green View Executive Apartments Phase-V

Our Ref. No. CL/CED/ 164 26/10/2022 Dated: **Test Specification** Your Ref. No. CS/GVA//R.E/40/22 Dated: 20/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 Tested on: 26/10/2022 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	4500 Psi	2	6	2022	6Diax12		13.6	28.28	75	5941		Non Engraved
2	4500 Psi	2	6	2022	6Diax12		13.2	28.28	71	5624		Non Engraved
3	4500 Psi	2	6	2022	6Diax12		14	28.28	75	5941		Non Engraved
4												
5						GINE	RING					
6						THEADIN						
7						THE NAME OF THY LIGHT WHILE						
8					53	CHEATES	10002					
9						5=		7				
10						· /A	INRE.					
11												
12												
13												
14												
15												
16										-		

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 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.

> 4105 Dr. Mazhar

To: Engr. M. Abbas

Resident Engineer, City Survey & Engineering Consultants

Project: Green View Executive Apartments Phase-V

Our Ref. No. CL/CED/ 165 26/10/2022 Dated: **Test Specification**

Your Ref. No. CS/GVA//R.E/41/22 Dated: 20/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 Tested on: 26/10/2022 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	4500 Psi	20	4	2022	6Diax12		13.4	28.28	59	4673		Non Engraved
2	4500 Psi	20	4	2022	6Diax12		13.4	28.28	55	4356		Non Engraved
3	4500 Psi	20	4	2022	6Diax12		13	28.28	53	4198		Non Engraved
4												
5						GINE	RING					
6						Togania.						
7						THE NAME OF THY LIDED WHO	G N					
8					53	CAEATES	1000					
9), —	- 3	7				
10					(-IA	INRE.					
11												
12												
13										-		
14												
15												
16												

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 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.

> 4077 Dr. Mazhar

To: Mr. Khalil Ahmed Khoso

Resident Engineer, Metroplan-Asian JV, Site Office, MCH, Layyah

Project: Establishment of 200 Bedded Mother & Child Hospital. (MCH) Layyah

Our Ref. No. CL/CED/ 166 26/10/2022 Dated: **Test Specification**

Your Ref. No. Metroplan-Asian JV-MCH-Layyah-RE-146 Dated: 06/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 26/10/2022 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		29	9	2022	6Diax12		13	28.28	55	4356		Non Engraved
2		29	9	2022	6Diax12		13	28.28	53	4198		Non Engraved
3		29	9	2022	6Diax12		13	28.28	53	4198		Non Engraved
4												
5						CINE	RING					
6						THEAD W						
7						THE NAME OF THY LIGHT WHILE						
8					S	CREATES	35/					
9								7				
10						" - IA	INRE .					
11							-					
12												
13												
14												
15												
16										-		

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 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.

> 4112 Dr. Mazhar

To: Syed Tasawur Hussain Naqvi

Assistant Executive Engineer-III, CCD, PAK PWD Gujranwala

Project: Enhancement & Expansion of Building Infrastructure of NHMP Training College Sheikhupura.

Phase-II (SH: Establishment of Trainees Hostels Block).

Our Ref. No. CL/CED/ 167

26/10/2022 Dated:

Dated:

Test Specification

AEE-III/CCD/GA/Work/NHMP/P-II/Lab/02 Your Ref. No.

02/09/2022

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20/10/2022 Tested on: 26/10/2022 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 (%)	
Strip & Raft Foundation	4	7	2022	6Diax12		13	28.28	33	2614		Engraved
Strip & Raft Foundation	5	7	2022	6Diax12		12.8	28.28	23	1822		Engraved
Strip & Raft Foundation	7	7	2022	6Diax12		13	28.28	21	1663		Engraved
					CINE	RING					
					THE AD IN						
					THE NAME OF THY LIGHT WHO						
				es	CREATES	50					
							7				
				(-/A	INRE .					
	Strip & Raft Foundation Strip & Raft Foundation Strip & Raft Foundation	Mark* DD Strip & Raft Foundation Strip & Raft Foundation Strip & Raft Foundation	Mark* DD MM Strip & Raft Foundation Strip & Raft Foundation Strip & Raft Foundation	DD MM YYYY Strip & Raft Foundation Strip & Raft Foundation Strip & Raft Foundation To To 2022 Strip & Raft To To 2022 Strip & Raft To To To To To To To T	Mark* DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/gms)	Mark*	Mark* Casting Date* Size Weight Weight X-Section Strip & Raft Foundation 5 7 2022 6Diax12 12.8 28.28 28.28 Strip & Raft Foundation Strip & Raft Foundation	Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Sq. in) Load (Imp.Tons) Strip & Raft Foundation Strip & Raft Foundation Strip & Raft Foundation 5 7 2022 6Diax12 12.8 28.28 23 28.28 23 23 Strip & Raft Foundation Strip & Raft Foundation	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section load (Sq. in) (Imp.Tons) (psi) Strip & Raft Foundation 5 7 2022 6Diax12 12.8 28.28 23 1822 28.28 21 1663 Strip & Raft Foundation Strip & Raft Foundation	Mark* Casting Date* Size Weight Weight Weight Weight X-Section load Stress Absorption (%)

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 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.

> 4120 Dr. Mazhar

Test Specification

To: Mr. Haroon Rashid

Site Supervisor, Pakistan Rangers (Punjab)

Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab) for Construction of Strip footing

Our Ref. No. CL/CED/ 168 26/10/2022 Dated:

Your Ref. No. 21/9/2022 2231/Works/1611 Dated: (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 26/10/2022 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		21	9	2022	6Diax12		13.2	28.28	88	6970		Non Engraved
2		21	9	2022	6Diax12		13.8	28.28	93	7366		Non Engraved
3		21	9	2022	6Diax12		13.4	28.28	88	6970		Non Engraved
4												
5						CINE	RING					
6						TREAD M						
7						THE NAME OF THY LIDED WHO	<u></u>					
8					es	CREATES	50					
9								7				
10					(-/A	INRE .					
11												
12												
13												
14												
15												
16										-		

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 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.

> 4130 Dr. Mazhar

To: Mr. Maqsood Alam

Senior Manager (Civil), Systems Limited, Lahore

Project: Rear Tower Systems Limited

Our Ref. No. CL/CED/ 169 26/10/2022 Dated: **Test Specification** Your Ref. No. SY-RT-UET-0011 Dated: 25/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/10/2022 Tested on: 26/10/2022 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	3rd Floor Slab	15	9	2022	6Diax12		14	28.28	57	4515		Non Engraved
2	3rd Floor Slab	15	9	2022	6Diax12		14	28.28	83	6574		Non Engraved
3	3rd Floor Slab	15	9	2022	6Diax12		13.4	28.28	79	6257		Non Engraved
4												
5						CINE	RING					
6						TERROW						
7						THE NAME OF THY LIDED WHO						
8						CAEATES	1000					
9								7				
10					(TA PLA	INRE.					
11												
12												
13												
14			-									
15												
16												

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 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.

> 4127 Dr. Mazhar

To: Mr. Ahmed Ejaz

Quantity Surveyor, MS LINKER

Project: Construction of Hassan & Huma Residence- DHA Phase VIII, Sector-A, Lahore

Our Ref. No. CL/CED/ 170 26/10/2022 Dated: **Test Specification**

Your Ref. No. 25/10/2022 LD/H&H/444-A/C-01 Dated: (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 25/10/2022 Tested on: 26/10/2022 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 (%)	
Retaining wall (3000 Psi)	14	10	2022	6Diax12		13	28.28	39	3089		Non Engraved
Retaining wall (3000 Psi)	14	10	2022	6Diax12		13	28.28	41	3248		Non Engraved
						-					
					GINE	RING					
					C RECADING						
					THE NAME OF THY LIORO WHO						
				55	CREATES	1000	-				
					5		3				
				(" - LA	INRE.					
						-					
									-		
	Retaining wall (3000 Psi) Retaining wall (3000 Psi)	Mark* DD Retaining wall (3000 Psi) Retaining wall (3000 Psi)	Mark* DD MM Retaining wall (3000 Psi) Retaining wall (3000 Psi)	DD MM YYYY	Mark* DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/gms)	Nark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms	Mark* Casting Date* Size Weight Weight X-Section Retaining wall (3000 Psi) 14 10 2022 6Diax12 13 28.28 28.28 Retaining wall (3000 Psi) 14 10 2022 6Diax12 13 28.28	Mark*	Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) X-Section load (Sq. in) (Imp.Tons) (psi) Retaining wall (3000 Psi) 14 10 2022 6Diax12 13 28.28 39 3089 Retaining wall (3000 Psi) 14 10 2022 6Diax12 13 28.28 41 3248	Mark* Casting Date* Size Weight Weight Weight X-Section load Stress Absorption (%)

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 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.

> 4065 Dr. Mazhar

To: Mr. Bilal Rehman

Bedian Road, Lahore Cantt.

Our Ref. No. CL/CED/ 171

Project: Construction of Second Floor Slab 80/81L Model Town Extension Lahore

Your Ref. No. Nil Dated: (ASTM C39)

Dated:

26/10/2022

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 in dry/wet condition



Test Specification

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3000 Psi	3	9	2022	6Diax12		13	28.28	35	2772		Non Engraved
2	3000 Psi	3	9	2022	6Diax12		13	28.28	41	3248		Non Engraved
3												
4												
5						GINE	RINO					
6						THEAD AL						
7						THE NAME OF THY LIGHT WHO						
8					58	CREATES	10000					
9						5		7				
10					(" - LA	INRE.					
11												
12												
13												
14												
15												
16												

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 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.

> 4118 Dr. Mazhar

Test Specification

To: Mr. Haroon Rashid

Site Supervisor, Pakistan Rangers (Punjab)

Our Ref. No. CL/CED/ 172

Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab) for Construction of Plinth Beam.

Your Ref. No. 17/10/2022 2231/Works/1773 Dated: (ASTM C39)

Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 26/10/2022 in dry/wet condition



26/10/2022

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 (%)	
	6	10	2022	6Diax12		14	28.28	33	2614		Non Engraved
	6	10	2022	6Diax12		14	28.28	25	1980		Non Engraved
	6	10	2022	6Diax12		13.8	28.28	37	2931		Non Engraved
					CINE	RING					
					Terania						
					THE NAME OF THY LIDRO WHO	()					
					CREATES	10000					
						-	7				
				(" - LA	INRE.					
		Mark* DD 6 6 6	Mark* DD MM 6 10 6 10 6 10	DD MM YYYY 6 10 2022 6 10 2022 6 10 2022	Mark* DD MM YYYY (in) 6 10 2022 6Diax12 6 10 2022 6Diax12 6 10 2022 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark*	Mark* Casting Date* Size Weight Weight X-Section load (Imp.Tons)	Mark* Casting Date* Size Weight Weight XSection load Stress (kg/gms) (kg/gms)	Mark* Casting Date* Size Weight Weight XSection 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 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.

> 4085 Dr. Aqsa

Test Specification

To: (Qaiser Nadeem)

A/XEN, For GE (AIR) RAFIQUI

Project: Extension of No. 14 MR SQN HQ BUILDING at PAF BASE RAFIQUI CA No. CEAF-CZ-09/2022.

Our Ref. No. CL/CED/ 173 Dated: 26/10/2022

Your Ref. No. 6529/57/E-6 Dated: 03/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 25/10/2022 in dry/wet condition



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 (%)	
Roof Slab	7	9	2022	6Diax12		13.2	28.28	48	3802		Engraved
Roof Slab	7	9	2022	6Diax12		14	28.28	39	3089		Engraved
					allE	RINO					
					Topania.						
					THE NAME OF THY LIDED WHO	G					
					CREATES	10000					
						-	7				
				(- LA	IORE .					
	Roof Slab Roof Slab	Mark* DD Roof Slab 7 Roof Slab 7	Mark* DD MM Roof Slab 7 9 Roof Slab 7 9	DD MM YYYY	Mark* DD MM YYYY (in) Roof Slab 7 9 2022 6Diax12 Roof Slab 7 9 2022 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight X-Section Roof Slab 7 9 2022 6Diax12 13.2 28.28 Roof Slab 7 9 2022 6Diax12 14 28.28 <td>Mark*</td> <td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Stress (psi) Roof Slab 7 9 2022 6Diax12 13.2 28.28 48 3802 Roof Slab 7 9 2022 6Diax12 14 28.28 39 3089 </td> <td>Mark*</td>	Mark*	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Stress (psi) Roof Slab 7 9 2022 6Diax12 13.2 28.28 48 3802 Roof Slab 7 9 2022 6Diax12 14 28.28 39 3089	Mark*

Witnessed by:

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$

- 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.

> 4125 Dr. Mazhar

To: Mr. Aamir Bashir

Project Manager, VELOSI

Project: Detailed Design and Resident Supervision of Regional Campuses for Allama Iqbal Open University

located at Sahiwal

Your Ref. No.

Our Ref. No. CL/CED/ 174

24/10/2022 Dated:

Dated:

26/10/2022

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

VISP-L-C22-301

Specimens received on: 25/10/2022 Tested on: 26/10/2022 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 Foundation (1:1.5:3)	15	10	2022	6x6x6		8.4	36	79	4916		Non Engraved
2	Raft Foundation (1:1.5:3)	16	10	2022	6x6x6		8.6	36	96	5973		Engraved
3	Raft Foundation (1:1.5:3)	17	10	2022	6x6x6		8.6	36	98	6098		Non Engraved
4												
5						CINE	RINO					
6						E AMADIAN						
7						THE NAME OF THY LIORD WHO		AFE				
8					ea	CREATES	3			-		
9												
10						-/A	INRE					
11							-					
12												
13												
14												
15												
16												

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 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.

> 4053 Dr. Aqsa

To: **Engr. Muhammad Awais Iqbal**

Your Ref. No.

Project Manager, ELITE ENGINEERING PVT LIMITED

Project: SHELL FILLING STATION ASKARI XI Lahore

Our Ref. No. CL/CED/ 175

26/10/2022 Dated:

Test Specification (ASTM C39)

Dated: 13/10/2022

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2022 Tested on: 25/10/2022 in dry/wet condition



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 (%)	
#22 (Ultra 727)	30	9	2022	6Diax12		13.2	28.28	31	2455		Non Engraved
#23 (Ultra 727)	30	9	2022	6Diax12		13	28.28	33	2614		Non Engraved
#24 (Ultra 727)	30	9	2022	6Diax12		12.8	28.28	37	2931		Non Engraved
					ant	RINO					
					Topania.						
					THE NAME OF THY LIDED WHO	G N					
				53	CAEATES	10002	3 -				
					<u></u>		7				
				(" - IA	INRE.					
	#22 (Ultra 727) #23 (Ultra 727) #24 (Ultra 727)	Mark* DD #22 (Ultra 727) 30 #23 (Ultra 727) 30 #24 (Ultra 727) 30	Mark* DD MM #22 (Ultra 727) 30 9 #23 (Ultra 727) 30 9 #24 (Ultra 727) 30 9	#22 (Ultra 727) 30 9 2022 #23 (Ultra 727) 30 9 2022 #24 (Ultra 727) 30 9 2022	Mark* DD MM YYYY (in) #22 (Ultra 727) 30 9 2022 6Diax12 #23 (Ultra 727) 30 9 2022 6Diax12 #24 (Ultra 727) 30 9 2022 6Diax12	Mark* Casting Date* Size Weight	Mark* DD MM YYYY (in) (Kg/ gms) (K	Mark* Casting Date* Size Weight Weight X-Section (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) #22 (Ultra 727) 30 9 2022 6Diax12 13.2 28.28 #23 (Ultra 727) 30 9 2022 6Diax12 13.2 28.28 #24 (Ultra 727) 30 9 2022 6Diax12 12.8 28.28 #24 (Ultra 727) 30 9 2022 6Diax12 -	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) (Imp	Mark* Casting Date* Size Weight Weight XSection load Stress (psi)	Mark*

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 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.

> 4053 Dr. Aqsa

To: **Engr. Muhammad Awais Iqbal**

Your Ref. No.

Project Manager, ELITE ENGINEERING PVT LIMITED

Project: SHELL FILLING STATION ASKARI XI Lahore

Our Ref. No. CL/CED/ 176

26/10/2022 Dated:

Test Specification

Dated: 13/10/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2022 Tested on: 25/10/2022 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	#16 (Footing)	29	9	2022	6Diax12		14	28.28	59	4673		Non Engraved
2	#17 (Footing)	29	9	2022	6Diax12		13.4	28.28	51	4040		Non Engraved
3	#18 (Footing)	29	9	2022	6Diax12		13	28.28	53	4198		Non Engraved
4												
5						GINE	RING					
6						The same						
7						THE NAME CORD WHO	G N	=				
8					50	CHEATES	10000					
9), —		7				
10					(TA PLA	INRE.					
11												
12												
13												
14												
15												
16												

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 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.

> 4095 Dr. Umbreen

Test Specification

To: Mr. Muhammad Imran Khan

Material Engineer ECSP, MPA Hostel, Phase-II, Engineering Consultancy Services Punjab (Pvt.) Lt

Project: Engineering Consultancy Services for Construction of MPA's Hostel Lahore, Phase-II (Lift Wall

from 5th to 6th Floor). (M/s Iftikhar & Co.)

Our Ref. No. CL/CED/ 177

26/10/2022 Dated:

(BS 1881-116)

Your Ref. No. 340/ECSP/MPA/ME/52 Dated: 15/10/2022

COMPRESSION TEST REPORT

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

Specimens received on: 19/10/2022 Tested on: 25/10/2022 in dry/wet condition



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)	(psi)	on (%)	
1		17	9	2022	6x6x6		9	36	83	5164		Engraved
2		17	9	2022	6x6x6		9	36	88	5476		Engraved
3		17	9	2022	6x6x6		9	36	88	5476		Engraved
4												
5						GINE	RING					
6						Topanial						
7						THE NAME OF THY LIDED WHO	G N					
8					53	CAEATES	1000	3 -				
9), —		7				
10					(*/ PIA	INRE.					
11												
12												
13												
14												
15												
16												

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 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.

4093 Dr. Umbreen

To: Mr. M. Sarwar Rao

General Manager (P&T), INDUS SUGAR MILLS Limited

Project: Sugar Godown at Indus Sugar Mills Limited, Rajanpur

Our Ref. No. CL/CED/ 178 26/10/2022 Dated: **Test Specification** Your Ref. No. Dated: 18/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 19/10/2022 Tested on: 24/10/2022 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 (%)	
Footing (C20)	2	10	2022	6x6x6		8	36	57	3547		Non Engraved
Footing (C20)	7	10	2022	6x6x6		8	36	83	5164		Non Engraved
Columns (C30)	7	10	2022	6x6x6		8.4	36	51	3173		Non Engraved
Columns (C30)	8	10	2022	6x6x6		7.8	36	63	3920		Non Engraved
					GINE	RING					
					The annual						
					THE NIGHE OF THY LIGHT WHO	G N					
				- 5	CHEATES	1000	3 -				
					%		7				
					- /A	INRE.					
	Footing (C20) Footing (C20) Columns (C30)	Mark* DD Footing (C20) 2 Footing (C20) 7 Columns (C30) 8	Mark* DD MM Footing (C20) 2 10 Footing (C20) 7 10 Columns (C30) 7 10 Columns (C30) 8 10	DD MM YYYY	Mark* DD MM YYYY (in) Footing (C20) 2 10 2022 6x6x6 Footing (C20) 7 10 2022 6x6x6 Columns (C30) 7 10 2022 6x6x6 Columns (C30) 8 10 2022 6x6x6	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight Footing (C20) 2 10 2022 6x6x6 8 Footing (C20) 7 10 2022 6x6x6 8 Columns (C30) 7 10 2022 6x6x6 8.4 Columns (C30) 8 10 2022 6x6x6 7.8 <	Mark*	Mark* Casting Date* Size Weight Weight X-Section load (Kg/ gms) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Kg/ gms) (Imp.Tons)	Mark* Casting Date* Size Weight Weight X-Section load Stress (Kg/gms) (Kg/gms)	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Ioad (Imp.Tons)) Value (psi) Absorption (%) Footing (C20) 2 10 2022 6x6x6 8 36 57 3547 Footing (C20) 7 10 2022 6x6x6 8 36 83 5164 Columns (C30) 7 10 2022 6x6x6 8.4 36 51 3173 Columns (C30) 8 10 2022 6x6x6 7.8 36 63 3920

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 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.

4083 Dr. Umbreen

To: **Deputy Director PHATA Sub Region Okara**

No. 1070

Office of the Deputy Director, Punjab Housing & Town Planning Agency Sub-Region Okara

Project: Construction of Houses 3-Marla & 5-Marla in ADS-II Renala Khurd District Okara under Naya

Pakistan Housing Program

Our Ref. No. CL/CED/ 179

Your Ref. No.

26/10/2022 Dated:

Test Specification

Dated: 29/9/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 24/10/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		28	8	2022	6x6x6		8.2	36	73	4542		Non Engraved
2		28	8	2022	6x6x6		8.4	36	49	3049		Non Engraved
3		29	8	2022	6x6x6		8.4	36	49	3049		Non Engraved
4		29	8	2022	6x6x6		8.2	36	55	3422		Non Engraved
5		30	8	2022	6x6x6	GINE	8.4	36	57	3547		Non Engraved
6		30	8	2022	6x6x6	C MEADING	8.8	36	51	3173		Non Engraved
7		1	I			THE NAME OF THY LIGHT WHO						
8		1	I			CREATES	3					
9			I			5		7				
10			-		(-/A	INRE .					
11		1	I		-		I					
12			-									
13												
14			I									
15			I									
16			-									
Witness	sed by:											

|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 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.

4099 Dr. Umbreen

To: **Chief Engineer**

State Life Insurance Employees Co-Operative Housing Society Ltd

Project: Work at STATE LIFE HOUSING SOCIETY (SLHS) Ph.1, Lahore. (Construction of Over Head Water

Tank Block "J") (Contractor: M/S Way Maker Construction Company)

Our Ref. No. CL/CED/ 180 26/10/2022 Dated: **Test Specification**

Your Ref. No. **SLCHS/EB/22/45** Dated: 18/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 19/10/2022 Tested on: 24/10/2022 in dry/wet condition



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 (%)	
Bowel	20	9	2022	6x6x6		8.4	36	43	2676		Non Engraved
Bowel	20	9	2022	6x6x6		8.6	36	65	4044		Non Engraved
Bowel	20	9	2022	6x6x6		8.4	36	67	4169		Non Engraved
Bowel	20	9	2022	6x6x6		8.2	36	45	2800		Non Engraved
Bowel	20	9	2022	6x6x6	CONE	8.2	36	67	4169		Non Engraved
Bowel	20	9	2022	6x6x6	Topana.	8.2	36	69	4293		Non Engraved
					THE NAME THY LIDED WHO	G N					
				53	CAEATES	10000					
					>		7				
				(*/ - /A	INRE.					
	Bowel Bowel Bowel Bowel Bowel	Mark* DD Bowel 20 Bowel 20 Bowel 20 Bowel 20 Bowel 20	Mark* DD MM Bowel 20 9 Bowel 20 9	DD MM YYYY	Mark* DD MM YYYY (in) Bowel 20 9 2022 6x6x6 Bowel 20 9 2022 6x6x6	Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/gms) Bowel 20 9 2022 6x6x6 Bowel 20 9 2022 6x6x6 <t< td=""><td>Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) Bowel 20 9 2022 6x6x6 8.4 Bowel 20 9 2022 6x6x6 8.4 Bowel 20 9 2022 6x6x6 8.2 <td< td=""><td>Mark* Casting Date* Size Weight Weight X-Section Bowel 20 9 2022 6x6x6 8.4 36 Bowel 20 9 2022 6x6x6 8.6 36 Bowel 20 9 2022 6x6x6 8.4 36 Bowel 20 9 2022 6x6x6 8.2 36 </td><td>Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Ioad (Imp.Tons)) Bowel 20 9 2022 6x6x6 8.4 36 43 Bowel 20 9 2022 6x6x6 8.6 36 65 Bowel 20 9 2022 6x6x6 8.4 36 67 Bowel 20 9 2022 6x6x6 8.2 36 67 Bowel 20 9 2022 6x6x6 8.2 36 67 Bowel 20 9 2022 6x6x6 8.2 36 69 <t< td=""><td>Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) X-Section (Sq. in) (Imp.Tons) (psi) Bowel 20 9 2022 6x6x6 8.4 36 43 2676 Bowel 20 9 2022 6x6x6 8.6 36 65 4044 Bowel 20 9 2022 6x6x6 8.4 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 69 4293 </td><td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) Bowel 20 9 2022 6x6x6 8.4 36 43 2676 Bowel 20 9 2022 6x6x6 8.6 36 65 4044 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 69 4293 </td></t<></td></td<></td></t<>	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) Bowel 20 9 2022 6x6x6 8.4 Bowel 20 9 2022 6x6x6 8.4 Bowel 20 9 2022 6x6x6 8.2 Bowel 20 9 2022 6x6x6 8.2 <td< td=""><td>Mark* Casting Date* Size Weight Weight X-Section Bowel 20 9 2022 6x6x6 8.4 36 Bowel 20 9 2022 6x6x6 8.6 36 Bowel 20 9 2022 6x6x6 8.4 36 Bowel 20 9 2022 6x6x6 8.2 36 </td><td>Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Ioad (Imp.Tons)) Bowel 20 9 2022 6x6x6 8.4 36 43 Bowel 20 9 2022 6x6x6 8.6 36 65 Bowel 20 9 2022 6x6x6 8.4 36 67 Bowel 20 9 2022 6x6x6 8.2 36 67 Bowel 20 9 2022 6x6x6 8.2 36 67 Bowel 20 9 2022 6x6x6 8.2 36 69 <t< td=""><td>Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) X-Section (Sq. in) (Imp.Tons) (psi) Bowel 20 9 2022 6x6x6 8.4 36 43 2676 Bowel 20 9 2022 6x6x6 8.6 36 65 4044 Bowel 20 9 2022 6x6x6 8.4 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 69 4293 </td><td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) Bowel 20 9 2022 6x6x6 8.4 36 43 2676 Bowel 20 9 2022 6x6x6 8.6 36 65 4044 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 69 4293 </td></t<></td></td<>	Mark* Casting Date* Size Weight Weight X-Section Bowel 20 9 2022 6x6x6 8.4 36 Bowel 20 9 2022 6x6x6 8.6 36 Bowel 20 9 2022 6x6x6 8.4 36 Bowel 20 9 2022 6x6x6 8.2 36	Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Ioad (Imp.Tons)) Bowel 20 9 2022 6x6x6 8.4 36 43 Bowel 20 9 2022 6x6x6 8.6 36 65 Bowel 20 9 2022 6x6x6 8.4 36 67 Bowel 20 9 2022 6x6x6 8.2 36 67 Bowel 20 9 2022 6x6x6 8.2 36 67 Bowel 20 9 2022 6x6x6 8.2 36 69 <t< td=""><td>Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) X-Section (Sq. in) (Imp.Tons) (psi) Bowel 20 9 2022 6x6x6 8.4 36 43 2676 Bowel 20 9 2022 6x6x6 8.6 36 65 4044 Bowel 20 9 2022 6x6x6 8.4 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 69 4293 </td><td>Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) Bowel 20 9 2022 6x6x6 8.4 36 43 2676 Bowel 20 9 2022 6x6x6 8.6 36 65 4044 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 69 4293 </td></t<>	Mark* Casting Date* Size Weight (Kg/gms) (Kg/gms) X-Section (Sq. in) (Imp.Tons) (psi) Bowel 20 9 2022 6x6x6 8.4 36 43 2676 Bowel 20 9 2022 6x6x6 8.6 36 65 4044 Bowel 20 9 2022 6x6x6 8.4 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 69 4293	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Absorption (%) Bowel 20 9 2022 6x6x6 8.4 36 43 2676 Bowel 20 9 2022 6x6x6 8.6 36 65 4044 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 45 2800 Bowel 20 9 2022 6x6x6 8.2 36 67 4169 Bowel 20 9 2022 6x6x6 8.2 36 69 4293

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 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.

> 4134 Dr. Mazhar

To: **Executive Engineer**

Your Ref. No.

Public Health Engg: Division Chakwal

684/CH

Project: Annual Development Programme Construction of PCC Streets/Drains UC LEHR SULTN PUR BASHARAT ARRA, SALOI, DANDOOT, DALWAL, DULMIAL and KHAIRPUR Tehsil CHOA SAIDEN SHAH

Our Ref. No. CL/CED/ 181

Dated: 26/10/2022

06/09/2022 Dated:

Test Specification (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 25/10/2022 Tested on: 26/10/2022 in dry/wet condition



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)	(psi)	on (%)	
1	(1:2:4)	10	8	2022	6x6x6		8.4	36	71	4418		Non Engraved
2	(1:2:4)	10	8	2022	6x6x6		8.6	36	98	6098		Non Engraved
3												
4												
5						CONE	RING					
6						Topania.						
7						THE NAME OF THY LIDED WHO	3	Ē				
8					88	CAEATES	10002	= -				
9						5	70	7				
10					(* LA	INRE.					
11												
12												
13												
14			-									
15												
16												
Witness	sed by:											

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 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.

> 4121 Dr. Mazhar

Test Specification

(BS 1881-116)

To: **Engr. Tayyab Rasool**

Project Manager, Renaissance International Pvt. Ltd.

Project: Construction of Overhead Water Reservoir (Shaft, Pour #10) at Block Trust Prime Lahore,

Motorway City, Sheikhupura Road, Lahore. (100,000 Gallons Capacity)

Our Ref. No. CL/CED/ 182 Dated:

Your Ref. No. QC/22/041 Dated: 24/10/2022

COMPRESSION TEST REPORT

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

Specimens received on: 24/10/2022 Tested on: 26/10/2022 in dry/wet condition



26/10/2022

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	#1772	25	9	2022	6x6x6		8	36	31	1929		Non Engraved
2	#1773	25	9	2022	6x6x6		8.2	36	35	2178		Non Engraved
3	#1774	25	9	2022	6x6x6		8.2	36	35	2178		Non Engraved
4												
5						GINE	RING					
6						Tarana						
7						THE NAME THY LIDRO WHO	G N	=				
8					53	CHEATES	10000					
9						%		7				
10					(**/A	INRE.					
11												
12												
13												
14												
15												
16												

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 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.

> 4069 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 05, Lahore

Project: Extansion/Expansion of Inspectorate of Prisons Punjab Lahore Group No. 1.

Our Ref. No. CL/CED/ 183 26/10/2022 Dated: **Test Specification** Your Ref. No. 11/10/2022 2102/5th Dated: (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	3rd Floor Slab (1:2:4)	12	9	2022	6x6x6		8.6	36	59	3671		Non Engraved
2	3rd Floor Slab (1:2:4)	12	9	2022	6x6x6		8.2	36	67	4169		Non Engraved
3	3rd Floor Slab (1:2:4)	12	9	2022	6x6x6		8.4	36	110	6844		Non Engraved
4			-									
5						CINE	RING					
6						THE READ AL						
7						THE NAME OF THY LIGHT WHILE	3. <u></u> \					
8					58	CREATES	10000					
9						<u> </u>		7				
10					(" LA	INRE.					
11												
12												
13			-									
14			-									
15												
16												

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 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.

> 4069 Dr. Mazhar

To: Sub Divisional Officer

Buildings Sub Division No. 06, Lahore

Project: Construction of New Office Block of Commissioner Office Lahore ADP No. 5634 for the Year 2021-

22

 Our Ref. No. CL/CED/
 184
 Dated:
 26/10/2022
 Test Specification

 Your Ref. No.
 113/sd6
 Dated:
 12/10/2022
 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	Ground/F Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		8.4	36	45	2800		Non Engraved
2	Ground/F Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		9	36	108	6720		Non Engraved
3	Ground/F Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		8.6	36	118	7342		Non Engraved
4												
5						CIVE	RING					
6						C Company						
7						THE NAME OF THY LORD WHO	3. <u></u> \					
8						CAEATES	1000					
9								7				
10					(TA PLA	INRE .					
11					-							
12												
13												
14												
15												
16												
16 Witness	ed hv											

Witnessed by:

 $Results\ can\ also\ be\ seen\ on\ website\ \underline{https://civil.uet.edu.pk/concrete-laboratory-reports1/2}$

- 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.

> 4069 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 12, Lahore

Project: Construction of Main Building Govt. Technical Training Institute for Women, Sabzazar Lahore

Our Ref. No. CL/CED/ 185 26/10/2022 Dated: **Test Specification** Your Ref. No. 11/10/2022 No. 559 Dated: (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		8.2	36	94	5849		Non Engraved
2	Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		8.6	36	116	7218		Non Engraved
3	Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		8.4	36	110	6844		Non Engraved
4												
5						ant	RINO					
6						Topana						
7						THE NAME OF THY LIDED WHO		=				
8					60	CHEATES	10002	3 -				
9						<u></u>		7				
10					(" - IA	INRE.					
11												
12												
13												
14												
15												
16												

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 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.

> 4069 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 15, Lahore

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

Our Ref. No. CL/CED/ 186 26/10/2022 Dated: **Test Specification** Your Ref. No. No. 2183 Dated: 11/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	First/ F. Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		8.4	36	71	4418		Non Engraved
2	First/ F. Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		8.4	36	110	6844		Non Engraved
3	First/ F. Col./ Lift (1:1 1/2:3)	10	9	2022	6x6x6		8.4	36	53	3298		Non Engraved
4												
5						CINE	RING					
6						THE AD AL						
7						THE NAME OF THY LIGHT WHILE	3. <u></u> `					
8					58	CREATES	100.07					
9						, 		7				
10						TA -LA	INRE.					
11					-							
12												
13												
14												
15												
16										-		
Witness	sed 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 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.

> 4069 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 15, Lahore

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

Our Ref. No. CL/CED/ 187 26/10/2022 Dated: **Test Specification** Your Ref. No. No. 2181 Dated: 11/10/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	Ground Floor Slab (1:2:4)	6	9	2022	6x6x6		8.4	36	114	7093		Non Engraved
2	Ground Floor Slab (1:2:4)	6	9	2022	6x6x6		8.4	36	114	7093		Non Engraved
3	Ground Floor Slab (1:2:4)	6	9	2022	6x6x6		8.4	36	88	5476		Non Engraved
4												
5						CINE	RING					
6						E Dirania						
7						THE NAME OF THY LIDED WHO		5				
8					es	CREATES	10000					
9												
10						# /A	mRt.					
11												
12												
13												
14												
15												
16										-		
Witness	sed bv:	-	-									

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 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.

> 4069 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 15, Lahore

Project: Construction of Court Rooms for Judicial Officers at Model Town Lahore Group No. 1

Our Ref. No. CL/CED/ 188 26/10/2022 Dated: **Test Specification** Your Ref. No. 11/10/2022 No. 2182 Dated: (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	Fourth Floor Slab (1:2:4)	7	9	2022	6x6x6		8.2	36	79	4916		Non Engraved
2	Fourth Floor Slab (1:2:4)	7	9	2022	6x6x6		8.4	36	90	5600		Non Engraved
3	Fourth Floor Slab (1:2:4)	7	9	2022	6x6x6		8.4	36	90	5600		Non Engraved
4												
5						CINE	RING					
6						THE PLAN						
7						THE NAME OF THY LIGHT WHE	- X	Ē				
8					es	CREATES	33					
9						<u> </u>		7				
10						TA PLA	INRE .					
11												
12												
13												
14												
15												
16										-		
Witness	sed 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 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.

> 4069 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 22, Lahore

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

Our Ref. No. CL/CED/ 189 26/10/2022 Dated: **Test Specification** Your Ref. No. 08/10/2022 173/22nd Dated: (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 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	RCC (1: 1 1/2: 3) First /F Lift	12	9	2022	6x6x6		8.8	36	73	4542		Non Engraved
2	RCC (1: 1 1/2: 3) First /F Lift	12	9	2022	6x6x6		8.6	36	51	3173		Non Engraved
3	RCC (1: 1 1/2: 3) First /F Lift	12	9	2022	6x6x6		8.4	36	94	5849		Non Engraved
4												
5						CINE	RING					
6						THE READ AL						
7						THE NAME OF THY LIGHT WHILE	3. <u></u> \					
8						CREATES	10000					
9						, 		7				
10					(TA -LA	INRE.					
11												
12												
13												
14												
15												
16												
Witness	sed by:							<u> </u>				

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 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.

> 4069 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 22, Lahore

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

Our Ref. No. CL/CED/ 190 26/10/2022 Dated: **Test Specification** Your Ref. No. 03/10/2022 171/22nd Dated: (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC (1: 2: 4) Ground/ F Slab	6	9	2022	6x6x6		8.6	36	106	6596		Non Engraved
2	RCC (1: 2: 4) Ground/ F Slab	6	9	2022	6x6x6		8.4	36	96	5973		Non Engraved
3	RCC (1: 2: 4) Ground/ F Slab	6	9	2022	6x6x6		8.4	36	83	5164		Non Engraved
4												
5						CINE	RING					
6						E AMADIAN						
7						THE NAME OF THY LIORD WHO	<u> </u>	EF.				
8					66 66	CREATES	1000	-				
9							}					
10						-/A	INRT.					
11												
12												
13												
14												
15												
16												

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 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.

> 4069 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 22, Lahore

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

Our Ref. No. CL/CED/ 191 26/10/2022 Dated: **Test Specification** Your Ref. No. 08/10/2022 174/22nd Dated: (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 17/10/2022 Tested on: 26/10/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RCC (1: 1: 2) First/ F Columns	12	9	2022	6x6x6		8.6	36	116	7218		Non Engraved
2	RCC (1: 1: 2) First/ F Columns	12	9	2022	6x6x6		8.8	36	104	6471		Non Engraved
3	RCC (1: 1: 2) First/ F Columns	12	9	2022	6x6x6		8.6	36	102	6347		Non Engraved
4												
5						CINE	RING					
6			-			Taylar M.						
7						THE NAME THE NAME CORD WHO		5				
8						CABATES	37			-		
9			ł				Z					
10			-			-/A	INRT.					
11			-		-							
12												
13												
14			-									
15												
16												

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 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.

> 4080 Dr. Mazhar

Test Specification

(----)

To: Mr. Talha Javaid

Our Ref. No. CL/CED/ 192

Planning & Coordination Engineer, CONSTRUCT

Project: Construction of 18 Green Apartment Complex at DRGCC DHA Phase VI

Your Ref. No. 18/10/2022 Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 18/10/2022 Tested on: 26/10/2022 in dry/wet condition



26/10/2022

Dated:

olid Block olid Block olid Block	DD 	MM 	YYYY	(in)	(Ka/ ams)						
olid Block					(ivg/gills)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
				11.8x3.9x7.8		11.4	46.02	22	1071		
olid Block				11.8x3.9x7.8		12	46.02	25	1217		
				11.8x3.9x7.7		11.6	46.02	26	1266		
olid Block				11.7x7.7x7.8		23.6	90.09	45	1119		
olid Block				11.8x7.7x7.8	CINE	24	90.86	41	1011		
olid Block				11.7x7.9x7.9	T DEAD AL	25	90.86	59	1455		
					THE NAME THY LIGHT WHO	G N					
				53	CREATES	10007					
		-			5		7				
					· /A	INRE.					
		-									
		-									
)	lid Block	Iid Block	lid Block lid Block	lid Block lid Block	lid Block 11.8x7.7x7.8 lid Block 11.7x7.9x7.9	lid Block 11.8x7.7x7.8 11.7x7.9x7.9	lid Block 11.8x7.7x7.8 24 lid Block 11.7x7.9x7.9 25	lid Block 11.8x7.7x7.8 24 90.86 lid Block 11.7x7.9x7.9 25 90.86	lid Block 11.8x7.7x7.8 24 90.86 41 lid Block 11.7x7.9x7.9 25 90.86 59	lid Block 11.8x7.7x7.8 24 90.86 41 1011 lid Block 11.7x7.9x7.9 25 90.86 59 1455	lid Block 11.8x7.7x7.8 24 90.86 41 1011 lid Block 25 90.86 59 1455 <

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 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.

> 4053 Dr. Aqsa

To: Engr. Muhammad Awais Iqbal

Project Manager, Shell Filling Station Askari XI

Project: SHELL FILLING STATION ASKARI XI LAHORE

Our Ref. No. CL/CED/ 193 26/10/2022 Dated: **Test Specification** Your Ref. No. Dated: 13/10/2022 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2022 Tested on: 26/10/2022 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	ABC				8.8 x 4.3 x 3.1	3760	3355	37.84	47	2782	12.07	
2	ABC				8.7 x 4.2 x 3	3725	3345	36.54	41	2513	11.36	
3	ABC				8.8 x 4.3 x 3.1	3775	3320	37.84	44	2605	13.7	
4	ABC				8.8 x 4.4 x 3.1	3790	3385	38.72	38	2198	11.96	
5	ABC				8.7 x 4.3 x 3	3660	3310	37.41	47	2814	10.57	
6						THE AD AL						
7						THE NAME OF THY LIGHT WHILE	G `					
8						CREATES	10000					
9						<u></u>		7				
10					(" LA	INR'T					
11												
12												
13												
14												
15												
16												

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 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.