

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.

> 4299 Dr. Yousaf

To: Engr. Zaheer ud Din Babar

Deputy General Manager Projects, Habib Rafiq Engineering (Pvt.) Limited

Project: Construction of Sky Gardens Tower, Lahore

Our Ref. No. CL/CED/ 453 Dated: 25-11-22 <u>Test Specification</u>

Your Ref. No. HRLE/SKG/2022/086 Dated: 23/11/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 Tested on: 25/11/2022 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress	Water Absorpti on (%)	Remarks
_	RCC Raft 18th Pour		l	1	. ,	(Ng/ gills)						
1	(6000 Psi)	26	10	2022	6Diax12		13.8	28.28	83	6574		Non Engraved
2	RCC Raft 18th Pour (6000 Psi)	26	10	2022	6Diax12		14	28.28	83	6574		Non Engraved
3	RCC Raft 18th Pour (6000 Psi)	26	10	2022	6Diax12		13.8	28.28	78	6178		Non Engraved
4												
5		-				CTME	RIATE					
6						READIN	200					
7						DHE NAME OF THY LIDRO WHO	- E - C - C - C - C - C - C - C - C - C	== -				
8					es		E SOL					
9						_	-					
10						O. LA	IORE					
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 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.

> 4303 Dr. Yousaf

Test Specification

To: Canal44 Luxury Apartments New Garden Town, Lahore.

Project: Construction of Canal 44 Luxury Apartment.

Our Ref. No. CL/CED/ 454

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

Dated:

25-11-22

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3750 Psi	12	11	2022	6Diax12		14.2	28.28	63	4990		Non Engraved
2	3750 Psi	12	11	2022	6Diax12		13.4	28.28	56	4436		Non Engraved
3												
4												
5					/	GINE	RINE					
6						NEADW	200					
7						DE NIGE OF THY LORD WHO	- E - C - C - C - C - C - C - C - C - C					
8					es			ON!				
9						\(= \)	- 6					
10						LA	IORE.					
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 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.

> 4303 Dr. Yousaf

Test Specification

To: canal44 Luxury Apartments
New Garden Town, Lahore.

Project: Construction of Canal 44 Luxury Apartment.

Our Ref. No. CL/CED/ 455

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

Dated:

25-11-22

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti	Remarks
	man.	DD	ММ	YYYY	(in)	_	(Kg/ gms)		(Imp.Tons)		on (%)	T Community
1	3750 Psi	14	11	2022	6Diax12		13	28.28	31	2455		Engraved
2												
3												
4												
5					/	GINE	RINE					
6						READIN						
7					4.1	DHE NIGGE OF THY LIDRO WHO	1919	H -				
8												
9					-	<u> </u>						
10						· LA	IORE .					
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 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.

> 4303 Dr. Yousaf

Test Specification

To: Canal44 Luxury Apartments

New Garden Town, Lahore.

Our Ref. No. CL/CED/ 456

Project: Construction of Canal 44 Luxury Apartment.

1 Toject. Construction of Canal 44 Euxury Apartment.

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

Dated:

25-11-22

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	3750 Psi	15	11	2022	6Diax12		13.4	28.28	22	1743		Engraved
2												
3												
4												
5					/	GINE	RIATE					
6						NEAD IN	200					
7						DE NIGE OF THY LORD WHO	J€	-				
8					SS			ON!				
9												
10						-LA	IORE					
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 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.

> 4301 Dr. Yousaf

To: Project Manager

Q-Links Property Management Pvt. Ltd.

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

Our Ref. No. CL/CED/ 457 Dated: 25-11-22 <u>Test Specification</u>

Your Ref. No. QLC-UET-JGM-2022-11-LTR-2411-1 Dated: 24/11/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 in dry/wet condition



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 (%)	
2nd Floor Slab (Grid# 7-8/C-E)	25	10	2022	6Diax12		13	28.28	46	3644		Engraved
2nd Floor Slab (Grid# 7-8/C-E)	25	10	2022	6Diax12		13	28.28	47	3723		Engraved
2nd Floor Col. (Grid# 9-10/B)	25	10	2022	6Diax12		13	28.28	50	3960		Engraved
2nd Fl. Col. (Grid# C-E/A-E/D-E)	25	10	2022	6Diax12		13.6	28.28	60	4752		Engraved
				/	RIME	RING					
				}	NEAD N	200					
					DHE NAME OF THY LIDRO WHO	- F Y	量-				
				es			S				
	1										
	1			<	-LA	ORE					
	1					-					
	1										
	1										
	I										
	I										
	-										
	2nd Floor Slab (Grid# 7-8/C-E) 2nd Floor Slab (Grid# 7-8/C-E) 2nd Floor Col. (Grid# 9-10/B) 2nd Fl. Col. (Grid# C-E/A-E/D-E)	2nd Floor Slab (Grid# 7-8/C-E) 2nd Floor Slab (Grid# 7-8/C-E) 2nd Floor Col. (Grid# 9-10/B) 2nd Fl. Col. (Grid# C-E/A-E/D-E)	DD MM	2nd Floor Slab (Grid# 7-8/C-E) 2nd Floor Slab (Grid# 7-8/C-E) 2nd Floor Slab (Grid# 9-10/B) 2nd Fl. Col. (Grid# C-E/A-E/D-E)	DD MM YYYY	2nd Floor Slab (Grid# 7-8/C-E) 2nd Floor Slab (Grid# 7-8/C-E) 2nd Floor Col. (Grid# 9-10/B) 2nd Fl. Col. (Grid# C-E/A-E/D-E)	DD MM YYYY	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in)	DD MM YYYY	DD MM YYYY	DD MM YYYY

Witnessed by:

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

- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

- 1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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

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

> 4304 Dr. Yousaf

Test Specification

To: Brig. ® Aulad Hussain Rizvi

Secretary, LAHORE GYMKHANA

Our Ref. No. CL/CED/ 458

Project: Extension of Lahore Gymkhana Guest Room

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

Dated:

25-11-22

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 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		23	10	2022	6Diax12		13.8	28.28	59	4673		Non Engraved
2		23	10	2022	6Diax12		14	28.28	78	6178		Non Engraved
3		23	10	2022	6Diax12		13	28.28	51	4040		Non Engraved
4												
5					🔏	GINE	RING					
6						READW	Sala V					
7						DE THY LORD WHO	₩. <u></u>	#				
8					es	ظلا		8 -				
9						\(= \)	- 6					
10					<	LA	IORE.					
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.

> 4305 Dr. Yousaf

To: Mr. Muhammad Aman Ullah

Your Ref. No.

Resident Engineer, Construction Management Division, NESPAK (Pvt.) Ltd.

Project: Development of Underground External Electrification Network in LDA City Housing Scheme,

Lahore (Development Area-1). (MSC-STZ Engineers JV)

4047/13/MA/04/52

Our Ref. No. CL/CED/ 459

Dated: 25-11-22

Test Specification
(ASTM C39)

Dated: 21/11/2022

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 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		24	10	2022	6Diax12		13.6	28.28	42	3327		Non Engraved
2		24	10	2022	6Diax12		13.6	28.28	47	3723		Non Engraved
3		24	10	2022	6Diax12		13.6	28.28	40	3168		Non Engraved
4												
5						GINE	RINE					
6						READIN	200					
7					A	DHE NAME OF THY LORD WHO	-E					
8								INO.				
9							1					
10					<	"-LA	IORE.					
11												
12												
13												
14												
15												
16												
Witness	and 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.

> 4300 Dr. Yousaf

To: Mr. Maqsood Alam, Senior Manager (Civil)

Systems Limited, Lahore.

Project: Rear Tower Systems Limited.

Our Ref. No. CL/CED/ 460 Dated: 25-11-22 <u>Test Specification</u>

Your Ref. No. SYS-RT-UET-013 Dated: 23-11-22 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 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	4th Floor Slab	23	10	2022	6Diax12		14	28.28	87	6891		Non Engraved
2	4th Floor Slab	23	10	2022	6Diax12		13.8	28.28	68	5386		Non Engraved
3	4th Floor Slab	23	10	2022	6Diax12		13	28.28	78	6178		Non Engraved
4	4th Floor Slab	23	10	2022	6Diax12		13.6	28.28	69	5465		Non Engraved
5					/	GINE	RIAVA					
6						READIN	Salar C	X				
7						DHE NAME OF THY LIGHT WHO	₩ \	#				
8					SS							
9),—	-					
10					<	LA	IORE					
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 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.

> 4307 Dr. Yousaf

To: Ittefaq Building Solutions (Pvt.) Ltd.

Airline Society Khayaban-e-Jinnah, Lahore.

Project: Mr. Ahmed Latif Residence.

Our Ref. No. CL/CED/ 461

Dated: 25-11-22 **Test Specification** Your Ref. No. 24/11/2022 Dated: (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 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	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Basement Found. (3000 Psi)	17	11	2022	6x6x6		8.6	36	39	2427		Engraved
2	Basement Found. (3000 Psi)	17	11	2022	6x6x6		8.4	36	35	2178		Engraved
3	Basement Found. (3000 Psi)	17	11	2022	6x6x6		8.2	36	34	2116		Engraved
4												
5						TETNE	RIATE					
6						READIN	200					
7						DHE NAME OF THY LIDRO WHO	- E	=				
8					S		F 201					
9												
10						"-LA	IORE.					
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 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.

> 4306 Dr. Yousaf

To: Chief Engineer

State Life Co-operative Housing Society, Engineering Branch Near DHA Phase IV, Lahore.

Project: Construction of Over Head Water Tank Block "J". (Contractor: M/S Way Maker Construction

Company).

Our Ref. No. CL/CED/ 462

Dated: 25-11-22

Test Specification
(BS 1881-116)

Your Ref. No. SLCHS/EB/22/46

Dated: 24/11/2022

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 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	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Bowl (SLHS Phase- 1). Lahore	20	10	2022	6x6x6		8.4	36	74	4604		Non Engraved
2	Bowl (SLHS Phase- 1). Lahore	20	10	2022	6x6x6		8.6	36	92	5724		Non Engraved
3	Bowl (SLHS Phase- 1). Lahore	20	10	2022	6x6x6		8.2	36	72	4480		Non Engraved
4												
5					/	GINE	RING					
6						READIN	Salar C					
7						DHE NAME OF THY LIGHT WHO	₩. <u></u>					
8					es	رشيا		8 -				
9								7				
10					<	LA	IORE.					
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.

> 4298 Engr. Ubaid

To: Sub Engineer

PHATA Sub Region Okara

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

Pakistan Housing Program. (M/S Pak Shahid Developers & JV Recent Construction).

Our Ref. No. CL/CED/ 463 Dated: 25-11-22

Your Ref. No. No. 2108 Dated: 22/11/2022

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 Tested on: 24-11-22 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)		(Imp.Tons)		on (%)	
1	(X-Block H.No. 126)	17	10	2022	6x6x6		8.6	36	71	4418		Non Engraved
2	(X-Block H.No. 126)	17	10	2022	6x6x6		8.8	36	74	4604		Non Engraved
3	(X-Block H.No. 126)	17	10	2022	6x6x6		8.6	36	73	4542		Non Engraved
4						/						
5					/	GINE	RING					
6						READW	Sala V					
7						DE NAME OF THY LIQKO WHO	الله الله الله الله الله الله الله الله	#				
8					- 65							
9						,		7				
10					(· LA	IORE					
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.

> 4297 Engr. Ubaid

Test Specification

To: Engineer Luqman Khan

Director Technical (C.E.O.), ALTEC Engineers

Project: Construction of Plot No. 8.D Punjab Small Industrial Estate Kasur

Our Ref. No. CL/CED/ 464 Dated:

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

25-11-22

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 Tested on: 24/11/2022 in dry/wet condition



Cr. No	Sr. No. Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of	Ultimate	Ultimate	Water	Domonico
Sr. No.	Wark"							X-Section		Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		20	10	2022	6x6x6		8.2	36	54	3360		Engraved
2												
3												
4												
5					/	GINE	RINE					
6						READIN	200					
7						DHE NIGGE OF THY LIDRO WHO	- Li	-				
8					SS			ON!				
9												
10					🤇	"-LA	IORE.					
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 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.

> 4297 Engr. Ubaid

Test Specification

To: Engineer Lugman Khan

Director Technical (C.E.O.), ALTEC Engineers

Project: Construction of Plot No. 8.D Punjab Small Industrial Estate Kasur

Our Ref. No. CL/CED/ 465 Dated: 25-11-22

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

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 Tested on: 24/11/2022 in dry/wet condition



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet	Dry	Area of		Ultimate	Water	
						Weight	Weight	X-Section	load	Stress		Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1		20	10	2022	6x6x6		8	36	51	3173		Engraved
2												
3												
4												
5					/	GINE	RIATE					
6						READIN	200					
7						DE NIGE OF THY LIDRO WHO	- E	-				
8					es		E SOL	ON!				
9							-					
10					🤇	"-LA	IORE.					
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 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.

> 4297 Engr. Ubaid

Test Specification

To: Engineer Lugman Khan

Director Technical (C.E.O.), ALTEC Engineers

Project: Construction of Plot No. 8.D Punjab Small Industrial Estate Kasur

Our Ref. No. CL/CED/ 466 Dated:

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

25-11-22

COMPRESSION TEST REPORT

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

Specimens received on: 23/11/2022 Tested on: 24/11/2022 in dry/wet condition



Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
	20	10	2022	6x6x6		8	36	73	4542		Engraved
				/	GINE	RINA					
					READIN	200					
					DHE NAME OF THY LIDRO WHO	-E	-				
				🤇	"-LA	IORE					
									-		
									-		
		Mark* DD 20	Mark* DD MM 20 10	Mark* DD MM YYYY 20 10 2022	Mark* DD MM YYYY (in) 20 10 2022 6x6x6	DD MM YYYY (in) (Kg/gms) 20 10 2022 6x6x6	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) 20 10 2022 6x6x6 8	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) 20 10 2022 6x6x6 8 36	DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons)	Mark* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi)	DD MM YYYY

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 carbon conv

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

> 4302 Dr. Yousaf

To: Mr. Qamar Uz Zaman

Project Manager, AUJLA & Associates, Town Developers (Pvt.) Ltd.

Project: Royal Palm City Hosuing Scheme Gujranwala.

Our Ref. No. CL/CED/ 467

Dated: 25-11-22

Test Specification

Your Ref. No. Nil

Dated: 24/10/2022

(----)

COMPRESSION TEST REPORT

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

Specimens received on: 24/11/2022 Tested on: 25/11/2022 in dry/wet condition



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2235	29.64	73	5517		
2	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2175	29.64	68	5139		
3	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2200	29.64	94	7104		
4	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2270	29.64	78	5895		
5	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2	CINE	2185	29.64	80	6046		
6	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2	T granus	2175	29.64	64	4837		
7	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2	DHE NAME OF THY LIGHT WHO	-2100	29.64	57	4308		
8	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2295	29.64	106	8011		
9	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2	>	2110	29.64	49	3703		
10	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2	- /A	2190	29.64	48	3628		
11	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2155	29.64	94	7104		
12	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2200	29.64	68	5139		
13	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2110	29.64	72	5441		
14	Rectangular Grey Tuff Paver 50 mm				7.8 x 3.8 x 2		2255	29.64	64	4837		
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 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.