

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.

> 2436 Dr. Aqsa

To: (Mr. Shahzad Wahid) XEN

GE (Army)-I Gwa. (M/s Act Associates Govt, Contractors, 244-D, PIA Society Lahore.)

Project: CA No. ENC-A-50/2021-Const of 8 x D Type Flats (G+3) at Gwa Cantt. ID: SDO B&R-II (Local).

Our Ref. No. CL/CED/ 6709 Dated: 24-12-21

Your Ref. No. 6180-2424/32/E-6 Dated: 18-11-21

COMPRESSION TEST REPORT

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

Specimens received on: 14-12-21 Tested on: 21-12-21 in dry/wet condition



Test Specification

(----)



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	7UP				8.8 x 4.2 x 2.8		2570	36.96	41	2485		
2	7UP				8.6 x 4.2 x 2.8		2505	36.12	39	2419		
3	7UP				8.8 x 4.3 x 2.8		2575	37.84	45	2664		
4	7UP				8.6 x 4.3 x 2.8		2710	36.98	45	2726		
5						CTME	RIATE					
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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.



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> 2441 Engr. Ubaid

To: (Lt Col Muhammad Asif, Retd), Site Administrator

Bismillah Housing Society Phase-II, Mustafa Abad (Laliani) Lahore.

Project: Park Bed

Your Ref. No.

Our Ref. No. CL/CED/ 6710

Dated: 24-12-21

Test Specification
(ASTM C39)

Dated: 15-12-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-21 Tested on: 23-12-21 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)		Water Absorpti on (%)	Remarks
1	3000 Psi	9	12	2021	6Diax12		13.5	28.28	43	3406		Engraved
2	3000 Psi	9	12	2021	6Diax12		13	28.28	29	2297		Engraved
3	3000 Psi	9	12	2021	6Diax12		13.2	28.28	39	3089		Engraved
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Witnessed by: Nil

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.



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> 2441 Engr. Ubaid

To: (Lt Col Muhammad Asif, Retd), Site Administrator

Bismillah Housing Society Phase-II, Mustafa Abad (Laliani) Lahore.

Project: Head Office Column

Our Ref. No. CL/CED/ 6711 Dated:

Your Ref. No. Nil Dated: 15-12-21

Test Specification
(ASTM C39)

24-12-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-21 Tested on: 23-12-21 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
01.110.	Wark	DD	ММ	YYYY	(in)		(Kg/ gms)		(Imp.Tons)		on (%)	Remarks
1	4000 Psi	14	11	2021	6Diax12		14	28.28	65	5149		Engraved
2	4000 Psi	14	11	2021	6Diax12		14	28.28	54	4277		Engraved
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16												

Witnessed by: Nil

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- 1. * as engraved on the specimens (if any)
- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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> 2441 Engr. Ubaid

To: (Lt Col Muhammad Asif, Retd), Site Administrator

Bismillah Housing Society Phase-II, Mustafa Abad (Laliani) Lahore.

Project: Head Office Column

Our Ref. No. CL/CED/ 6712

Dated: 24-12-21

Test Specification
(ASTM C39)

Your Ref. No. Nil Dated: 15-12-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-21 Tested on: 23-12-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
					* *	(Kg/ gills)	(Kg/ gms)		(Imp.Tons)		` ,	
1	4000 Psi	16	11	2021	6Diax12		14	28.28	53	4198		Engraved
2	4000 Psi	16	11	2021	6Diax12		14	28.28	63	4990		Engraved
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14												
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16												

Witnessed by: Nil

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

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- 2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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> 2441 Engr. Ubaid

To: (Lt Col Muhammad Asif, Retd), Site Administrator

Bismillah Housing Society Phase-II, Mustafa Abad (Laliani) Lahore.

Project: Plaza 50 Column

Our Ref. No. CL/CED/ 6713

Your Ref. No. Nil Dated: 15-12-21

Dated:

24-12-21

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-21 Tested on: 23-12-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4000 Psi	6	12	2021	6Diax12		13.2	28.28	30	2376		Engraved
2	4000 Psi	6	12	2021	6Diax12		13.6	28.28	27	2139		Engraved
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Witnessed by: Nil

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> 2441 Engr. Ubaid

To: (Lt Col Muhammad Asif, Retd), Site Administrator

Bismillah Housing Society Phase-II, Mustafa Abad (Laliani) Lahore.

Project: Plaza 50 Wall

Our Ref. No. CL/CED/ 6714 Dated:

Your Ref. No. Nil Dated: 15-12-21

Test Specification
(ASTM C39)

24-12-21

COMPRESSION TEST REPORT

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

Specimens received on: 16-12-21 Tested on: 23-12-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	4000 Psi	18	11	2021	6Diax12		14	28.28	58	4594		Non Engraved
2	4000 Psi	18	11	2021	6Diax12		14	28.28	67	5307		Non Engraved
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14												
15												
16												

Witnessed by: Nil

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

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ORIGINAL

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> 2450 Dr. Aqsa

To: Mr. Muhammad Rohaan Waseem, Lead Planning Engineer

For and on behalf of Elite Engineering Limited.

Project: Construction of a Project at Faisalabad. (EPC Projects).

Our Ref. No. CL/CED/ 6715

Your Ref. No. Nil Dated: 17-12-21

ated: 17-12-21 (----)

24-12-21

Dated:

COMPRESSION TEST REPORT

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

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



Test Specification



	Cas	ting	Date*	Size	Wet	Dry	Area of	Ultimate		water	
Mark*		_			weight	weight	X-Section	load	Stress	•	Remarks
	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Recangular, Grey, 80mm (A-1)				7.8 x 3.8 x 3		3445	29.64	65	4912		
Recangular, Grey, 80mm (A-2)				7.8 x 3.8 x 3		3495	29.64	65	4912		
Recangular, Grey,				7.8 x 3.8 x 3		3515	29.64	77	5819		
Recangular, Grey,				7.8 x 3.8 x 3		3540	29.64	55	4157		
Recangular, Grey,				7.8 x 3.8 x 3	MAINE	3375	29.64	50	3779		
Recangular, Grey,				7.8 x 3.8 x 3	READIN	3305	29.64	52	3930		
Recangular, Grey,				7.8 x 3.8 x 3	DHE NAME OF THY LIDRO WHO	3270	29.64	69	5215		
Recangular, Grey,				7.8 x 3.8 x 3	ر المال	3585	29.64	75	5668		
Recangular, Grey, 80mm (C-3)				7.8 x 3.8 x 3),—	3405	29.64	71	5366		
Recangular, Grey, 80mm (C-4)				7.8 x 3.8 x 3	-LA	3300	29.64	59	4459		
	80mm (A-1) Recangular, Grey, 80mm (A-2) Recangular, Grey, 80mm (B-1) Recangular, Grey, 80mm (B-2) Recangular, Grey, 80mm (B-3) Recangular, Grey, 80mm (B-4) Recangular, Grey, 80mm (C-1) Recangular, Grey, 80mm (C-2) Recangular, Grey, 80mm (C-3) Recangular, Grey, 80mm (C-3)	Mark* DD Recangular, Grey, 80mm (A-1) Recangular, Grey, 80mm (B-2) Recangular, Grey, 80mm (B-3) Recangular, Grey, 80mm (B-4) Recangular, Grey, 80mm (C-1) Recangular, Grey, 80mm (C-2) Recangular, Grey, 80mm (C-2) Recangular, Grey, 80mm (C-2)	Mark* DD MM Recangular, Grey, 80mm (A-1) Recangular, Grey, 80mm (B-1) Recangular, Grey, 80mm (B-2) Recangular, Grey, 80mm (B-3) Recangular, Grey, 80mm (B-4) Recangular, Grey, 80mm (C-1) Recangular, Grey, 80mm (C-2) Recangular, Grey, 80mm (C-2) Recangular, Grey, 80mm (C-2) Recangular, Grey, 80mm (C-3) Recangular, Grey, 80mm	DD MM YYYY	DD MM YYYY	Mark* Casting Date* Size Weight DD MM YYYY (in) (Kg/gms) Recangular, Grey, 80mm (A-1) 7.8 x 3.8 x 3 Recangular, Grey, 80mm (B-2) 7.8 x 3.8 x 3 Recangular, Grey, 80mm (B-2) 7.8 x 3.8 x 3 Recangular, Grey, 80mm (B-3) 7.8 x 3.8 x 3 Recangular, Grey, 80mm (B-4) 7.8 x 3.8 x 3 Recangular, Grey, 80mm (C-1) 7.8 x 3.8 x 3 Recangular, Grey, 80mm (C-2) 7.8 x 3.8 x 3 Recangular, Grey, 80mm (C-3) 7.8 x 3.8 x 3 Recangular, Grey, 80mm (C-3) Recangular, Grey, 80mm (C-3) Recangular, Grey, 80mm (C-3) Recangular, Grey, 80mm (C-4)	Mark* Casting Date* Size Weight Weight Recangular, Grey, 80mm (A-1)	Mark* Casting Date* Size Weight Weight Weight Weight Weight X-Section (Kg/ gms) X-Section (Sq. in) Recangular, Grey, 80mm (A-1) 7.8 x 3.8 x 3 3445 29.64 Recangular, Grey, 80mm (A-2) 7.8 x 3.8 x 3 3495 29.64 Recangular, Grey, 80mm (B-1) 7.8 x 3.8 x 3 3515 29.64 Recangular, Grey, 80mm (B-2) 7.8 x 3.8 x 3 3540 29.64 Recangular, Grey, 80mm (B-2) 7.8 x 3.8 x 3 3375 29.64 Recangular, Grey, 80mm (B-4) 7.8 x 3.8 x 3 3305 29.64 Recangular, Grey, 80mm (C-1) 7.8 x 3.8 x 3 3270 29.64 Recangular, Grey, 80mm (C-2) 7.8 x 3.8 x 3 3585 29.64 Recangular, Grey, 80mm (C-2) 7.8 x 3.8 x 3 3405 29.64 <	Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Indadodd (Imp.Tons)) Recangular, Grey, 80mm (A-1)	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Ioad Stress (psi)) Recangular, Grey, 80mm (A-1) 7.8 x 3.8 x 3 3445 29.64 65 4912 Recangular, Grey, 80mm (A-2) 7.8 x 3.8 x 3 3495 29.64 65 4912 Recangular, Grey, 80mm (B-1) 7.8 x 3.8 x 3 3515 29.64 77 5819 Recangular, Grey, 80mm (B-2) 7.8 x 3.8 x 3 3540 29.64 55 4157 Recangular, Grey, 80mm (B-3) 7.8 x 3.8 x 3 3375 29.64 50 3779 Recangular, Grey, 80mm (B-4) 7.8 x 3.8 x 3 3270 29.64 69 5215 Recangular, Grey, 80mm (C-2) 7.8 x 3.8 x 3 3405 29.64 71 5366 Recangular, Grey, 80mm (C-3)	Mark* Casting Date* Size Weight Weight Weight Weight Weight X-Section load Stress Absorption on (%) Vertex Absorption on (%) Recangular, Grey, 80mm (A-1) 7.8 x 3.8 x 3 3445 29.64 65 4912 Recangular, Grey, 80mm (A-2) 7.8 x 3.8 x 3 3495 29.64 65 4912 Recangular, Grey, 80mm (B-1) 7.8 x 3.8 x 3 3515 29.64 77 5819 Recangular, Grey, 80mm (B-2) 7.8 x 3.8 x 3 3540 29.64 55 4157 Recangular, Grey, 80mm (B-3) 7.8 x 3.8 x 3 3375 29.64 50 3779 Recangular, Grey, 80mm (C-1) 7.8 x 3.8 x 3 3270 29.64 69 5215 Recangular, Grey, 80mm (C-3) 7.8 x 3.8 x 3 3405

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.



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> 2448 Dr. Aqsa

To: Secretary Engineers Town, Lahore.

The Cooperative Engineers Town Society Ltd. Lahore.

Project: Construction of Washrooms in Different Blocks I.E D/1 at Sector "A" of the Cooperative Engineers

Dated:

Town Society Ltd. Lahore. (Contractor; M/S Shaheen Construction.)

Our Ref. No. CL/CED/ 6716

Your Ref. No. "9570" Dated: 15

Test Specification

d: 15-12-21 (BS 1881-116)

24-12-21

COMPRESSION TEST REPORT

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

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





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	0 (70)	
1	Roof Slab (1:2:4)	12	11	2021	6x6x6		8.2	28.28	58	4594		Engraved
2	Roof Slab (1:2:4)	12	11	2021	6x6x6		8.6	28.28	38	3010		Engraved
3												
4												
5					/	GINE	RINE					
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14												
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16												

Witnessed by: Nil

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.



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> 2469 Engr. Ubaid

To: Sub Divisional Officer

Public Health Engineering, Sub Division Kamalia.

Project: Drainage, Sewerage, Soling / Resoling, Tuff Tiles Drains and Bridges (Puliyan) in Tehsil Kamalia &

Tehsil Pir Mahal District T.T.Singh (ADP 1950). (AA Crete).

Our Ref. No. CL/CED/ 6717

Dated: 24-12-21

Test Specification

Your Ref. No. 176/K

Dated: 10-12-21

(----)

COMPRESSION TEST REPORT

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

Specimens received on: 22-12-21 Tested on: 23-12-21 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Recangular, Grey, 60mm				7.7 x 3.8 x 2.3		2780	29.26	63	4823		
2	Recangular, Grey, 60mm				7.7 x 3.8 x 2.3		2760	29.26	82	6278		
3	Recangular, Grey, 60mm				7.7 x 3.8 x 2.3		2895	29.26	92	7043		
4	Recangular, Grey, 60mm				7.7 x 3.8 x 2.3		2790	29.26	98	7502		
5					/	RIME	RIATE					
6					}	READ W	205					
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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)
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- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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



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

ORIGINAL

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

> 2464 Engr. Ubaid

To: For M. Yousaf & Co.

M. Yousaf & Company, Lahore.

Project: Construction of TCF Primary School Rajaywala, Kamokey.

Our Ref. No. CL/CED/ 6718 Dated: 24-12-21 <u>Test Specification</u>

Your Ref. No. M.Y/UET/2021-12 Dated: 21-12-21 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 22-12-21 Tested on: 23-12-21 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	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	F.F. Slab	17	11	2021	6x6x6		8.4	28.28	77	6099		Engraved
2	F.F. Slab	17	11	2021	6x6x6		8.8	28.28	81	6416		Engraved
3												
4												
5					/	GINE	RIME					
6						READIN	200					
7						DHE NAME OF THY LIGHT WHO	JE					
8					es	رشيا		8 -				
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10						LA	IORE					
11												
12												
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14												
15												
16												
\A/!4	ad bur Nil					·						

Witnessed by: Nil

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.

> 2466 Engr. Ubaid

To: Bilal Rehman S/O Fazal Rehman

House No. E-144-A1, Arifabad Bedian Road, Lahore Cantt.

Project: 5-C New Muslim Town, Lahore.

Our Ref. No. CL/CED/ 6719

Your Ref. No. Nil Dated:

Dated: 24-12-21 Dated: Nil **Test Specification**

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 22-12-21 Tested on: 23-12-21 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Slab	22	11	2021	6Diax12		14	28.28	66	5228		Non Engraved
2	Slab	22	11	2021	6Diax12		14.2	28.28	58	4594		Non Engraved
3												
4												
5					/	GINE	RING					
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11							-					
12			-									
13												
14												
15												
16												

Witnessed by: Nil

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.