

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.

> 2949 Dr. Aqsa

To: Consultant; Takbeer Tower

Mcleod Road, Near Lakshmi Chowk Lahore.

Project: Nil

Our Ref. No. CL/CED/ 8378

Dated: 24-03-22

Test Specification
(ASTM C39)

Your Ref. No. Nil Dated: 16-03-22

COMPRESSION TEST REPORT

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

Specimens received on: 16-03-22 Tested on: 22-03-22 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Footing Beams	5	3	2022	6Diax12		13.8	28.28	39	3089		Engraved
2	Footing Beams	5	3	2022	6Diax12		13.6	28.28	31	2455		Engraved
3	Column Concrete	10	3	2022	6Diax12		14	28.28	57	4515		Engraved
4	Column Concrete	10	3	2022	6Diax12		15	29.28	64	4896		Engraved
5	Column Concrete	11	3	2022	6Diax12	GINE	14.2	30.28	50	3699		Engraved
6	Column Concrete	11	3	2022	6Diax12	READIN	15.4	31.28	58	4153		Engraved
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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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> 2953 Dr. Aqsa

To: Mr. Muhammad Imran Khan, Material Engineer

Our Ref. No. CL/CED/ 8379

Engineering Consultancy Services Punjab (Pvt) Limited.

Project: Reconstruciton of Pipal House A-Block Lahore. (M/s Uni Build Associates Pvt. Ltd.)

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Your Ref. No. 343/ECSP/PHME/09 Dated: 07-03-22

Dated:

24-03-22

COMPRESSION TEST REPORT

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

Specimens received on: 17-03-22 Tested on: 22-03-22 in dry/wet condition



Test Specification

(ASTM C39)



Sr. No.	Mark*			Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	5th Floor RCC Columns (1:1.5:3)	23	2	2022	6Diax12		13.2	28.28	35	2772		Engraved
2	5th Floor RCC Columns (1:1.5:3)	23	2	2022	6Diax12		13.6	28.28	38	3010		Engraved
3	5th Floor RCC Columns (1:1.5:3)	23	2	2022	6Diax12		13.4	28.28	40	3168		Engraved
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> 2957 Dr. Aqsa

To: Mr. Asif Pervaiz Butt, Resident Engineer

AYQ Developers Pvt. Ltd.

Project: Union Complex

Our Ref. No. CL/CED/ 8380

Your Ref. No. Dated:

17-03-22

Dated:

24-03-22

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 17-03-22 Tested on: 22-03-22 in dry/wet condition





Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	6000 Psi	10	3	2022	6Diax12		14	28.28	57	4515		Non Engraved
2	6000 Psi	10	3	2022	6Diax12		13.4	28.28	65	5149		Non Engraved
3	6000 Psi	10	3	2022	6Diax12		14	28.28	70	5545		Non Engraved
4	6000 Psi	10	3	2022	6Diax12		14	29.28	62	4743		Non Engraved
5	6000 Psi	10	3	2022	6Diax12	GINE	13.8	30.28	44	3255		Non Engraved
6	6000 Psi	10	3	2022	6Diax12	READIN	13.4	31.28	67	4798		Non Engraved
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> 2959 Dr. Aqsa

To: M/S Usman Ibrahim Construction

Our Ref. No. CL/CED/ 8381

CCA-124, Phase IV, DHA, Lahore

Project: AL-FATAH E-MALL Main Boulevard, Gulberg.

Your Ref. No. Dated: 17-03-22

Dated:

Test Specification (ASTM C39)

24-03-22

COMPRESSION TEST REPORT

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

Specimens received on: 17-03-22 Tested on: 22-03-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		18	2	2022	6Diax12		14	28.28	41	3248		Non Engraved
2		18	2	2022	6Diax12		14	28.28	44	3485		Non Engraved
3		18	2	2022	6Diax12		14	28.28	51	4040		Non Engraved
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> 2964 Dr. Aqsa

To: Engr. Hamza, Site Engineer Le Architects in Design.

Our Ref. No. CL/CED/ 8382

Project: Plot No. 07 Block Q, Gulberg-II Lahore.

1 Toject. 1 lot No. 07 block &, Calberg-II Lallore

Your Ref. No. Nil Dated: 18-03-22

Dated: 18-03-22 (ASTM C39)

24-03-22

Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 18-03-22 Tested on: 22-03-22 in dry/wet condition



Test Specification



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		18	2	2022	6Diax12		13.4	28.28	79	6257		Non Engraved
2		18	2	2022	6Diax12		13.4	28.28	81	6416		Non Engraved
3		18	2	2022	6Diax12		14	28.28	59	4673		Non Engraved
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> 2972 Dr. Aqsa

To: Mr. Amir Iqbal Sipra, Assistant Resident Engineer

Engineering Consultancy Services Punjab

Project: Installation of Surveillance Cameras & Traffic Management System & OSP Work at Entry & Exit

Points of Lahore. (Contractor; M/s Fangzhou and Albario Engineering Pvt. Ltd. (JV)).

Our Ref. No. CL/CED/ 8383 Dated: 24-03-22

Your Ref. No. ECSP/Entry-Exit/Lot1-4 Dated: 18-03-22

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 21-03-22 Tested on: 22-03-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section	load	Ultimate Stress	Water Absorpti on (%)	Remarks
	Entry & Exit Points	DD	MM	YYYY		(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		(70)	
1	of Lahore	15	2	2022	6Diax12		13.2	28.28	62	4911		Non Engraved
2	Entry & Exit Points of Lahore	15	2	2022	6Diax12		13.2	28.28	71	5624		Non Engraved
3	Entry & Exit Points of Lahore	15	2	2022	6Diax12		13.2	28.28	60	4752		Non Engraved
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Witnessed by:

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> 2968 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

Buildings Sub Division, Kasur

Project: Provision of Facilities BS 4-Year Degree Programme. Construction of 3-Nos Class Rooms (Double

Storey) in Govt. Graduate College for Women, Kasur.

435/K

Our Ref. No. CL/CED/ 8384

Dated: 24-03-22

Test Specification
(BS 1881-116)

Dated: 17-03-22

COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2022 Tested on: 22-03-22 in dry/wet condition





Sr. No.	Mark*	Cas		Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Slab (1:2:4)	16	2	2022	6x6x6		8	36	84	5227		Engraved
2	Slab (1:2:4)	16	2	2022	6x6x6		8	36	101	6284		Engraved
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Witnessed by:

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> 2973 Dr. Aqsa

Test Specification

To: **Sub Divisional Officer**

Public Health Engineering Sub Division, Noor Pur Thal

Project: Provision of Filtration Plant, Water Supply, Drainage, PCC Slab, Road UC Rahdari District

Khushab (NA-94).

Our Ref. No. CL/CED/ 8385

Dated: 24-03-22

25-01-22

Dated:

(BS 1881-116)

Your Ref. No. 119/N.P.T

COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2022 Tested on: 22-03-22 in dry/wet condition





Sr. No.	r. 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	1:2:4	28	12	2021	6x6x6		8.4	36	69	4293		Non Engraved
2	1:2:4	28	12	2021	6x6x6		8.4	36	89	5538		Non Engraved
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> 2974 Dr. Aqsa

To: Sub Divisional Officer

Your Ref. No.

Public Health Engineering Sub Division, Khushab

14/KHB

Project: Provision of Water Supply/ Hand Pump/ Drainage/ PCC Slab/ Janazgah UC Daiwal District

Khushab (NA-93). (Govt. Contractor; M/S Daiwal & Co.)

Our Ref. No. CL/CED/ 8386

Dated: 24-03-22

Dated: 06-01-22

Test Specification

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2022 Tested on: 22-03-22 in dry/wet condition





Sr. No.	Mark*			Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	1:2:4	22	12	2021	6x6x6		8.4	36	73	4542		Non Engraved
2	1:2:4	22	12	2021	6x6x6		8.2	36	69	4293		Non Engraved
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Witnessed by:

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> 2974 Dr. Aqsa

To: Sub Divisional Officer

Public Health Engineering Sub Division, Khushab

Project: Provision of Water Supply/ Hand Pump/ Drainage/ PCC Slab/ Janazgah UC Padhrar District

Khushab (NA-93). (Govt. Contractor; M/S Rehman Construction Co.)

Our Ref. No. CL/CED/ 8387 Dated:

Your Ref. No. 104/KHB Dated: 10-03-22

Test Specification

(BS 1881-116)

24-03-22

COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2022 Tested on: 22-03-22 in dry/wet condition





Mark*				Size (in)	Wet Weight (Kg/ gms)			load	Stress	Water	Remarks
1:2:4	9	2	2022	6x6x6		8.4	36	80	4978		Non Engraved
1:2:4	9	2	2022	6x6x6		8.8	36	74	4604		Non Engraved
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Witnessed by:

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

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> 2974 Dr. Aqsa

To: **Sub Divisional Officer**

Public Health Engineering Sub Division, Khushab

Project: Construction of Sewage, Drainage, Snitation & Water Supply Schemes in Chak No.17/63MB

District Khushab (PP-83). (Govt. Contractor; M/S Rehman Construction Co.)

Our Ref. No. CL/CED/ 8388

Your Ref. No. 105/KHB Dated: 10-03-22

24-03-22

COMPRESSION TEST REPORT

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

in dry/wet condition Specimens received on: 21/03/2022 Tested on: 22-03-22



Test Specification

(BS 1881-116)



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	1:2:4	9	2	2022	6x6x6		8.2	36	89	5538		Non Engraved
2	1:2:4	9	2	2022	6x6x6		8	36	58	3609		Non Engraved
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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 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.

> 2975 Dr. Aqsa

To: Mr. Ali Zahid Latif, Resident Engineer (Structure)

National Engineering Services Pakistan (PVT) Limited

Project: Construction of Flyover and At-Grade Improvement at Shahkaam Chowk Lahore.

Our Ref. No. CL/CED/ 8389 Dated: 24-03-22 <u>Test Specification</u>

Your Ref. No. 4047/13/05/AZL/69 Dated: 17-02-21

COMPRESSION TEST REPORT

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

Specimens received on: 21/03/2022 Tested on: 22-03-22 in dry/wet condition



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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Cut Cube				6.2x6.6x6.3		9.8	40.92	79	4325		
2	Cut Cube				6.3x6.3x6.3		9	39.69	64	3612		
3	Cut Cube				5.9x6.2x5.9		8	36.58	68	4164		
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Witnessed by:

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

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- 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.

> 2986 Engr. Ubaid

To: Engr. Muhammad Bilal Iqbal, Project Manager

Our Ref. No. CL/CED/ 8390

M. Siddique Sons Building Contractor, Lahore.

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

Your Ref. No. Nil Dated: 22-03-22

Dated: 22-03-22 (ASTM C39)

24-03-22

Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 22-03-22 Tested on: 24-03-22 in dry/wet condition



Test Specification



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	Roof Slab (3000 Psi)	23	2	2022	6Diax12		13.4	28.28	50	3960		Non Engraved
2	Roof Slab (3000 Psi)	23	2	2022	6Diax12		13.4	28.28	36	2851		Non Engraved
3	Roof Slab (3000 Psi)	23	2	2022	6Diax12		12.4	28.28	33	2614		Non Engraved
4			-									
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