

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.

> 3494 Dr. Yousaf

To: **Sub Divisional Officer**

Your Ref. No.

Buildings Sub Division No. 9, Lahore.

Project: Master Planning of Qurban Lines, Lahore (Phase-1). Construction of BS (18-19) Apartments at

Qurban Lines, Lahore. (1st Floor Slab)

867/9th

Our Ref. No. CL/CED/ 9335

15/7/2022 Dated:

Test Specification

(BS 1881-116)

22/4/2022 Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 27/06/2022 Tested on: 15/7/2022 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	Concrete Cube Ratio 1: 2: 4	22	4	2022	6x6x6		8	36	112	6969		Non Engraved
2	Concrete Cube Ratio 1: 2: 4	22	4	2022	6x6x6		8	36	78	4853		Non Engraved
3	Concrete Cube Ratio 1: 2: 4	22	4	2022	6x6x6		8	36	100	6222		Non Engraved
4	Concrete Cube Ratio 1: 2: 4	22	4	2022	6x6x6		8	36	91	5662		Non Engraved
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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.



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> 3531 Dr. Yousaf

Test Specification

To: Site Engineer

ASTACO Engineers & Contractors.

Our Ref. No. CL/CED/ 9336

Project: Site House # 814-Z DHA Phase III, Lahore.

Your Ref. No. Dated: 04/07/2022 (ASTM C39)

Dated:

15/7/2022

COMPRESSION TEST REPORT

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

Specimens received on: 04/07/2022 Tested on: 15/7/2022 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)		on (%)	
1		18	6	2022	6Diax12		13.4	28.28	33	2614		Non Engraved
2		18	6	2022	6Diax12		13.2	28.28	37	2931		Non Engraved
3		18	6	2022	6Diax12		13.2	28.28	37	2931		Non Engraved
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> 3516 Dr. Yousaf

Lt Col. (R) Ubaid ur Rehman, SPM (JV) PEC Bldg To:

NLC Engineers- Tijaarat Developers (JV)

Project: Construction of PEC Regional Office, Lahore. (Top Lift Wall, Machine Room Wall.)

Our Ref. No. CL/CED/ 9337 15/7/2022 Dated:

Your Ref. No. 901/NLC-TD(JV)/PEC/713 16/6/2022 Dated:

COMPRESSION TEST REPORT

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

Specimens received on: 30/6/2022 Tested on: 15/7/2022 in dry/wet condition



Test Specification

(ASTM C39)

Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	#1770	19	5	2022	6Diax12		13.2	28.28	75	5941		Non Engraved
2	#1773	19	5	2022	6Diax12		13	28.28	80	6337		Non Engraved
3	#1776	19	5	2022	6Diax12		12.8	28.28	78	6178		Non Engraved
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Witness	sed by:		•			•	•	•	•			

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> 3516 Dr. Yousaf

Test Specification

To: Lt Col. (R) Ubaid ur Rehman, SPM (JV) PEC Bldg

NLC Engineers- Tijaarat Developers (JV)

Project: Construction of PEC Regional Office, Lahore.

Our Ref. No. CL/CED/ 9338 Dated: 15/7/2022

Your Ref. No. 901/NLC-TD(JV)/PEC/741 Dated: 30/06/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/6/2022 Tested on: 15/7/2022 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (/6)	
1	OHWT Wall #1788	1	6	2022	6Diax12		12.6	28.28	78	6178		Non Engraved
2	OHWT Wall #1792	1	6	2022	6Diax12		13	28.28	72	5703		Non Engraved
3	OHWT Wall #1795	1	6	2022	6Diax12		12.8	28.28	72	5703		Non Engraved
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> 3516 Dr. Yousaf

To: Lt Col. (R) Ubaid ur Rehman, SPM (JV) PEC Bldg

NLC Engineers- Tijaarat Developers (JV)

Project: Construction of PEC Regional Office, Lahore. (Front Elevation Wall 3rd to 5th Floor).

Our Ref. No. CL/CED/ 9339 Dated: 15/7/2022

Your Ref. No. 901/NLC-TD(JV)/PEC/714 Dated: 16/6/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 30/6/2022 Tested on: 15/7/2022 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	#1779	25	5	2022	6Diax12		13	28.28	80	6337		Non Engraved
2	#1782	25	5	2022	6Diax12		13	28.28	70	5545		Non Engraved
3	#1786	25	5	2022	6Diax12		13	28.28	70	5545		Non Engraved
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> 3551 Dr. Yousaf

To: Muhammad Tahir Yaseen, C.E.O

Enterprises Innovation in Interior & Exterior

Project: Construction of ABL, G.T Road Branch, Allahabad.

Our Ref. No. CL/CED/ 9340 Dated: 15/7/2022 <u>Test Specification</u>

Your Ref. No. ABL/Cylinder Testing/ Columns/ Allahabad/2022/ Dated: 06/07/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/07/2022 Tested on: 15/7/2022 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 (%)	
1st Floor Col. (1:1.5:3)	8	6	2022	6Diax12		13	28.28	62	4911		Engraved
1st Floor Col. (1:1.5:3)	8	6	2022	6Diax12		12.4	28.28	46	3644		Engraved
1st Floor Col. (1:1.5:3)	8	6	2022	6Diax12		12.2	28.28	49	3881		Engraved
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	1st Floor Col. (1:1.5:3) 1st Floor Col. (1:1.5:3) 1st Floor Col. (1:1.5:3)	Mark* DD 1st Floor Col. (1:1.5:3) 1st Floor Col. (1:1.5:3) 1st Floor Col. (1:1.5:3)	Mark* DD MM 1st Floor Col. (1:1.5:3) 1st Floor Col. (1:1.5:3) 1st Floor Col. (1:1.5:3)	DD MM YYYY 1st Floor Col. (1:1.5:3) 8 6 2022	Mark* DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY	Mark* Casting Date* Size Weight Weight X-Section 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 13 28.28 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 12.4 28.28 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 12.2 28.28	Mark*	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section load (Sq. in) (Imp.Tons) Stress (psi) 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 13 28.28 62 4911 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 12.4 28.28 46 3644 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 12.2 28.28 49 3881 <td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section load (Stress Absorption (%) Absorption (%) 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 13 28.28 62 4911 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 12.4 28.28 46 3644 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 12.2 28.28 49 3881 </td>	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section load (Stress Absorption (%) Absorption (%) 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 13 28.28 62 4911 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 12.4 28.28 46 3644 1st Floor Col. (1:1.5:3) 8 6 2022 6Diax12 12.2 28.28 49 3881

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)
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> 3554 Dr. Yousaf

To: (Iftikhar Haleem), The Engineer, UAEET Sambrial, Sialkot

Infrastructure Development Authority of the Punjab, Government of Punjab

Project: Establishment of University of Applied Engineering and Emerging Technologies (UAEET)

Sambrial, Sialkot

Our Ref. No. CL/CED/ 9341

15/7/2022 Dated:

Test Specification

Your Ref. No. TE/UAEET/IDAP/SO/2022/023

04/07/2022 Dated:

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/07/2022 Tested on: 15/7/2022 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	Pile (TP-01)	21	6	2022	6Diax12		13.2	28.28	73	5782		Non Engraved
2	Pile (TP-01)	21	6	2022	6Diax12		12.8	28.28	68	5386		Non Engraved
3	Pile (TP-01)	21	6	2022	6Diax12		13.4	28.28	69	5465		Non Engraved
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Witnessed by:

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To: (Iftikhar Haleem), The Engineer, UAEET Sambrial, Sialkot

Infrastructure Development Authority of the Punjab, Government of Punjab

Project: Establishment of University of Applied Engineering and Emerging Technologies (UAEET)

Sambrial, Sialkot

Our Ref. No. CL/CED/ 9342

15/7/2022 Dated:

Test Specification

Your Ref. No. TE/UAEET/IDAP/SO/2022/024

05/07/2022 Dated:

(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 06/07/2022 Tested on: 15/7/2022 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 (%)	
Mix Design (5000/6200 Psi)	7	6	2022	6Diax12		13.4	28.28	88	6970		Non Engraved
Mix Design (5000/6200 Psi)	7	6	2022	6Diax12		13.4	28.28	78	6178		Non Engraved
Mix Design (5000/6200 Psi)	7	6	2022	6Diax12		13.4	28.28	58	4594		Non Engraved
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