

Civil Engineering Department

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

7803 Dr. M. Yousaf

To: Mr. Syed Usman Ali

Air Heights Developers (Pvt.) Ltd.

Project: "DE' VIEW" located at 72-Attaturk Block New Garden Town, Lahore.

Our Ref. No. CL/CE	ED/ 5953	Dated:	23-09-24	Test Specification
Your Ref. No.	Nil	Dated:	13-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	3-09	-24	Tested on:	23-0	9-24	in dry/we	t condition		Ĺ	jester
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	1st Floor Columns (4000 Psi)	9	8	2024	6Diax12		13	28.28	35	2772		Non Engraved
2	1st Floor Columns (4000 Psi)	9	8	2024	6Diax12		13	28.28	39	3089		Non Engraved
3	1st Floor Columns (4000 Psi)	9	8	2024	6Diax12		13	28.28	37	2931		Non Engraved
4	1st Floor Columns (4000 Psi)	9	8	2024	6Diax12		13	28.28	37	2931		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 compressive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

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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Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	1st Floor Columns (4000 Psi)	10	8	2024	6Diax12		14	28.28	91	7208		Non Engraved
2	1st Floor Columns (4000 Psi)	10	8	2024	6Diax12		13.6	28.28	111	8792		Non Engraved
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ORIGINAL A carbon copy for the report has been retained in the lab for record.

7852 Dr. M. Yousaf

To: Engr. Zaheer ud din Babar

Deputy General Manager Projects, Habib Rafiq Engineering Pvt. Ltd.

Project: Construction of Sky Gardens Tower, Lahore. (New Additional Columns at level B1, C13, C8A and C8C at Grid (E/2-3)) Our Ref. No. CL/CED/ 5955 Dated: 23-09-24 **Test Specification** Your Ref. No. HRL/SKG/2024/166 Dated: 12-09-24

COMPRESSION TEST REPORT



(ASTM C39)

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

Specim	ens received on:	2	0-09	-24	Tested on:	23-0	9-24	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 on (%)	Remarks
		סט	IVI IVI	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)	. (,	
1	(8000 Psi)	16	8	2024	6Diax12		14	28.28	111	8792		Non Engraved
2	(8000 Psi)	16	8	2024	6Diax12		16	28.28	123	9743		Non Engraved
3	(8000 Psi)	16	8	2024	6Diax12		15	28.28	112	8871		Non Engraved
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Witnessed by: Nil												

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7854 Dr. M. Yousaf

To: Mr. Zaheer Abbas

Lab Incharge, PAKMIX Ready Mix Concrete

Project: Construction of Bank of Punjab Building at C-Block, Model Town, Lahore.

Our Ref. No. CL/CED/ 5956	Dated:	23-09-24	Test Specification
Your Ref. No. Nil	Dated:	23-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	2	3-09	-24	Tested on:	23-0	9-24	in dry/wet	condition		0	I CANER
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	Column/R.W (3750 Psi)	16	7	2024	6Diax12		14	28.28	67	5307		Non Engraved
2	Column/R.W (3750 Psi)	16	7	2024	6Diax12		14	28.28	70	5545		Non Engraved
3	Column/R.W (3750 Psi)	16	7	2024	6Diax12		14	28.28	72	5703		Non Engraved
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Witnessed by: Nil

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7838 Dr. M. Yousaf

To: Captain (R) Ali Abbas Hashmi Project Manager, 7 Canal Developers

Project: 7 Canal Residential Apartment Buildings

Our Ref. No. CL/CE	D/ 5957	Dated:	23-09-24	Test Specification
Your Ref. No.	Nil	Dated:	19-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	9-09	-24	Tested on:	23-0)9-24	in dry/wet	t condition		0	1620 <i>834</i> 9
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
		סט			(111)	(rtg/ gms)	(Kg/ gms)	(34. 11)	(imp.rons)	(psi)	. ,	
1		11	9	2024	6Diax12		15.8	28.28	59	4673		Non Engraved
2		11	9	2024	6Diax12		14	28.28	51	4040		Non Engraved
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Witnessed by: Mr. Shabbir Hussain

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7791 Dr. M. Yousaf

To: Mr. Kashif Mahmood

Assistant Engineer, ITU (Information Technology University of the Punjab)

Project: Construction of Multipurpose Building at Main Campus Barki Road, Lahore.

Our Ref. No. CL/C	ED/ 5958	Dated:	23-09-24	Test Specification
Your Ref. No.	ITU/OEW/24/317	Dated:	11-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	1	1-09	-24	Tested on:	23-0)9-24	in dry/wet	condition		0	0620240
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
1	Super Columns	4	0	2024	(III) 6Diax12	(Ng/ gills)	(Ng/ gills) 13	28.28	(iiiip. rons) 54	(031)		Non Engraved
2	(4000 Psi) Super Columns	4	9	2024	6Diax12		13	28.28	64	5069		Non Engraved
3	(4000 Psi) Super Columns (4000 Psi)	4	9	2024	6Diax12		13	28.28	55	4356		Non Engraved
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Witness	ad by Nil											

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To: Mr. Kashif Mahmood

Assistant Engineer, ITU (Information Technology University of the Punjab)

Project: Construction of Multipurpose Building at Main Campus Barki Road, Lahore.

Our Ref. No. CL/C	ED/ 5959	Dated:	23-09-24	Test Specification
Your Ref. No.	ITU/OEW/24/313	Dated:	09-09-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		11-09-24		-24	Tested on:	23-09-24		in dry/wet condition				
Sr. No.	Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (%)	
1	Plinth Beam, Grid 5'- 8/A-F (3000 Psi)	1	9	2024	6Diax12		13	28.28	42	3327		Non Engraved
2	Plinth Beam, Grid 5' 8/A-F (3000 Psi)	1	9	2024	6Diax12		12.6	28.28	45	3564		Non Engraved
3	Plinth Beam, Grid 5' 8/A-F (3000 Psi)	1	9	2024	6Diax12		13	28.28	45	3564		Non Engraved
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