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Our Ref. No. CL/CED/ 9384	Dated:	22/7/2022	Test Specification
Your Ref. No. 385/DB	Dated:	12/03/2022	()



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

Specim	ens received on:	30	0/6/2	022	Tested on:	22/7	/2022	in dry/wet condition			Ċ	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	No.1				9 x 4.4 x 3	3755	3225	39.6	37	2093	16.43	
2	No.1				8.9 x 4.3 x 3	3650	3210	38.27	47	2751	13.71	
3	No.1				8.8 x 4.3 x 2.9	3575	3215	37.84	31	1835	11.2	
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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 comprensive strength

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

	Plain and Reinforced Concrete Laboration Civil Engineering Department University of Engineering and Technology, Lahore. Pakistar Landline: 042-99029245 & 042-99029202 Mobile: 0307-0490	1	ORIGINAL A carbon copy for the report has been retained in the lab for record.
			3544 Dr. Umbreen
То:	Sub Divisional Officer Buildings Sub Division Mandi Bahauddin		
	Project: Provision of Infrastructural, Academic and Operational Facilities to th Technology Rasul, Mandi Bahauddin, Group No. 6 Our Ref. No. CL/CED/ 9385 Dated:	he Punjab University of 22/7/2022	Test Specification

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06/04/2022

Dated:

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

176/MB

Specim	ens received on:	05	/07/2	022	Tested on:	22/7	/2022	in dry/we	t condition			iesterij
Sr. No.	Mark*	Cas DD	-	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	S				8.9 x 4.3 x 2.8	3605	3190	38.27	41	2400	13.01	
2	S				8.8 x 4.3 x 2.8	3480	3290	37.84	55	3256	5.78	
3	S				8.8 x 4.1 x 2.9	3555	3165	36.08	55	3415	12.32	
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Your Ref. No.

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 $\underline{\mbox{Note:}}$ 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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the report has
been retained in
he lab for record.

3550 Dr. Umbreen

To: Mr. Nasir Nadeem

Head of Department, Design & Construction Department-HO, City Schools (Pvt) Ltd

Project: Bahria Campus Lahore Phase-II	ef. No. CL/CED/ 9386 Dated: 22/7/2022 <u>Test Specification</u>						
Our Ref. No. CL/CED/ 9386	Dated:	22/7/2022	Test Specification				
Your Ref. No. TCS/D&C/HO/001/2026	Dated:	04/07/2022	()				

COMPRESSION TEST REPORT



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

Specim	ens received on:	d on: 06/07/2022 Tested on: 22/7/2022 in dry/wet condition						E				
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	AK				8.7 x 4.3 x 2.9	3455	3110	37.41	45	2694	11.09	
2	AK				8.6 x 4.2 x 3	3495	3160	36.12	49	3039	10.6	
3	AK				8.8 x 4.2 x 3	3505	3165	36.96	47	2848	10.74	
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3523 Dr. Umbreen

To: Mr. Babar Ali

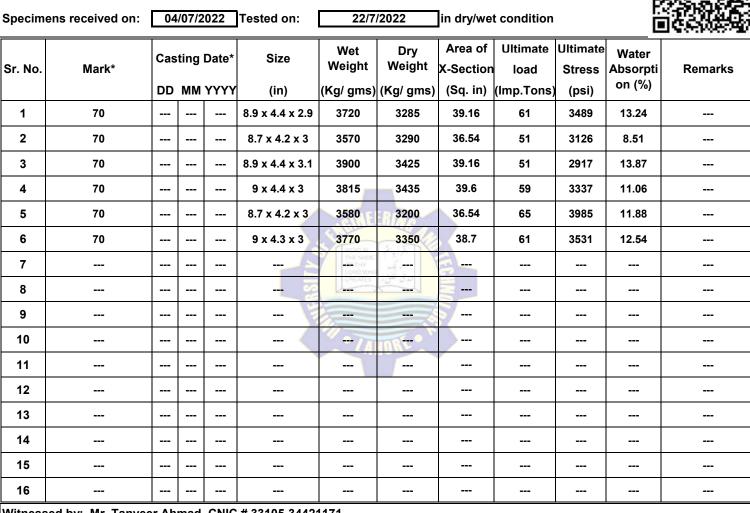
Construction Manager for Guarantee Engineers (Pvt) Ltd.

Project: Beacon House School System TNS 2.0 Gulberg-III Lahore.

Our Ref. No. CL/	'CED/ 9387	Dated:	22/7/2022	Test Specification
Your Ref. No.	GEPL/TNS2/01/2022	Dated:	04/07/2022	(BS 3921**)

COMPRESSION TEST REPORT

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



Witnessed by: Mr. Tanveer Ahmad, CNIC # 33105-34421171

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

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To: Mr. Babar Ali

Construction Manager for Guarantee Engineers (Pvt) Ltd

Project: Beacon House School System TNS 2.0 Gulberg-III Lahore

Our Ref. No. CL/	CED/ 9388	Dated:	22/7/2022	Test Specification
Your Ref. No.	GEPL/TNS2/08/2022	Dated:	04/07/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	cimens received on: 4/07/2022 Tested on: 22/7/2022 in dry/wet condition						ieste g					
Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section			Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Lab No. BH-83 (5000 Psi)	5	6	2022	6Diax12		13.2	28.28	65	5149		Non Engraved
2	Lab No. BH-83 (5000 Psi)	5	6	2022	6Diax12		13.8	28.28	63	4990		Non Engraved
3	Lab No. BH-83 (5000 Psi)	5	6	2022	6Diax12		13.4	28.28	57	4515		Non Engraved
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Witness	ed by: Mr. Tanvee	er Ah	mad	, CNIC	# 33105-3442	1171						

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To: **DuraFlow Plastics (Pvt) Ltd** Ferozepur Road, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 9389	Dated:	22/7/2022	Test Specification
Your Ref. No. Nil	Dated:	20/7/2022	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	20)/07/2	2022	Tested on:	22/7	/2022	in dry/we	t condition			
Sr. No.	Mark*	Cas	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	3000 Psi	6	7	2022	6x6x6		8.4	36	56	3484		Non Engraved
2	3000 Psi	6	7	2022	6x6x6		8.6	36	56	3484		Non Engraved
3	3000 Psi	6	7	2022	6x6x6		8.4	36	61	3796		Non Engraved
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3576 Dr. Yousaf

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To: Mr. Rashid Iqbal

Mark*

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Sr. No.

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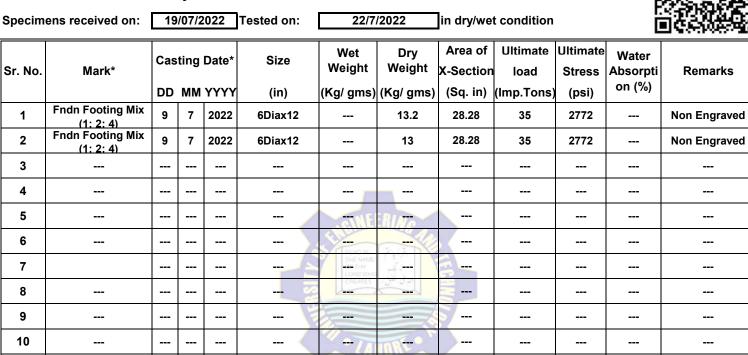
Project Manager, A&R CONSTRUCTION SERVICES

Project: Construction of Commercial Building at Plot No. 318 Revaz Garden Scheme Lahore.

Our Ref. No. CL/CED/ 9390	Dated:	22/7/2022	Test Specification
Your Ref. No. Nil	Dated:	18/7/2022	(ASTM C39)

COMPRESSION TEST REPORT

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





Witnessed by:

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

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UVAS, Lallore		
Project: Provision of Urgently Needed Female Hostel,	Facilities at University of Veterinary & Animal	
Sciences at Ravi Campus, Pattoki.		
Our Ref. No. CL/CED/ 9391	Dated: 22/7/2022	
Your Ref. No. E.E. 755	Dated: 14/7/2022	

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

Specim	cimens received on: 20/07/2022 Tested on: 22/7/2022 in dry/wet condition							iester f					
Sr. No.	Mark*			-	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	2:4)	(1:	16	6	2022	6x6x6		8.8	36	62	3858		Non Engraved
2	2:4)	(1:	16	6	2022	6x6x6		8.6	36	61	3796		Non Engraved
3	1st Floor Slab 2: 4)	(1:	16	6	2022	6x6x6		8.6	36	50	3111		Non Engraved
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Director/Dy. Director Concrete Laboratory



Test Specification (BS 1881-116)

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> 3585 Dr. Yousaf



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3569 Dr. Yousaf

Sub Division Ferozewala			
Project: Construction of Judicial Academy at Laho	re Kala Shah Kaku Lahore (A	DP No. 3272/2020-21)
Phase II Group No. I (Footings B. Wall)			
Our Ref. No. CL/CED/ 9392	Dated:	22/7/2022	Test Specification
Your Ref. No. 1295/F	Dated:	15/10/2021	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	19	/07/2	2022	Tested on:	22/7	/2022	in dry/wet condition			ieste g	
Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section			Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	R.C.C. Ftng/Roofs Slab (1: 2: 4)	14	9	2021	6x6x6		8.2	36	70	4356		Non Engraved
2	R.C.C. Ftng/Roofs Slab (1: 2: 4)	14	9	2021	6x6x6		8.2	36	77	4791		Non Engraved
3	R.C.C. Ftng/Roofs Slab (1: 2: 4)	14	9	2021	6x6x6		8.2	36	69	4293		Non Engraved
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Project: Construction of Judicial Academy at Lahor	e Kala Shah Kaku Lahore (Al	DP No. 3272/2020-21)
Phase II Group No. I (Column Boundary Wall)			
Our Ref. No. CL/CED/ 9393	Dated:	22/7/2022	Test Specification
Your Ref. No. 1375A/F	Dated:	14/12/2021	(BS 1881-116)

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

Specim	ens received on:	19	/07/2	2022	Tested on:	22/7	/2022	in dry/wet condition			Ċ	jestegi
Sr. No.	Mark*		-	Date* YYYY	Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
1	R.C.C.Columns (1:	15	11	2021	(in) 6x6x6	(Kg/ gms)	(Kg/ gms) 8	(Sq. in) 36	(Imp.Tons) 63	(psi) 3920		Non Engraved
2	1.5: 3) R.C.C.Columns (1:	15	11	2021	6x6x6		8	36	73	4542		Non Engraved
3	1.5: 3) R.C.C.Columns (1:	15	11	2021	6x6x6		8	36	98	6098		Non Engraved
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3569 Dr. Yousaf

Project: Construction of Judicial Academy at Lahore	Kala Shah Kaku Lahore (A	DP No. 3272/2020-21	1)
Phase II Group No. I (G.F. Slab Gymnasium)			
Our Ref. No. CL/CED/ 9394	Dated:	22/7/2022	Test Specification
Your Ref. No. 1396/F	Dated:	23/12/2021	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	19	/07/2	2022	Tested on:	22/7	/2022	in dry/wet condition			Ë	jestegi
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)		
1	R.C.C.GF/Roofs Slab (1: 2: 4)	23	11	2021	6x6x6		8.2	36	69	4293		Non Engraved
2	R.C.C.GF/Roofs Slab (1: 2: 4)	23	11	2021	6x6x6		8.6	36	124	7716		Non Engraved
3	R.C.C.GF/Roofs Slab (1: 2: 4)	23	11	2021	6x6x6		8.2	36	90	5600		Non Engraved
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Sub Division Ferozewaia		
Project: Construction of Judicial	cademy at Lahore Kala Shah Kaku Lahore (A	ADP No. 3272/2020-21)
Phase II Group No. I (Column G.I	Gymnasium)	
Our Ref. No. CL/CED/ 9395	Dated:	22/7/2022
Your Ref. No. 1370/F	Dated:	18/11/2021

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

Specim	ens received on:	19	/07/2	2022	Tested on: 22/7/2022 in dry/wet condition					its de G		
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	R.C.C.Columns (1: 1 1/2: 3)	20	10	2021	6x6x6		9	36	94	5849		Non Engraved
2	R.C.C.Columns (1: 1 1/2: 3)	20	10	2021	6x6x6		8.6	36	67	4169		Non Engraved
3	R.C.C.Columns (1: 1 1/2: 3)	20	10	2021	6x6x6		8.6	36	105	6533		Non Engraved
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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.



Test Specification (BS 1881-116)

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

> 3569 Dr. Yousaf



Deputy General Manager Projects, For Habib Rafiq Engineering (Pvt.) Ltd							
Project: Construction of Sky Gardens Tower, Lahore							
Our Ref. No. CL/CED/ 9396	Dated:	22/7/2022					

HRLE/SKG/2022/047 Your Ref. No.

COMPRESSION TEST REPORT

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

Specim	ens received on:	19	/07/2	2022	Tested on:	22/7	/2022	in dry/wet condition			Ē	je na se
Sr. No.	Mark*		•	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Raft 4th Pour-218		MM	YYYY	,	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)	(psi)	011 (70)	
1	(6000 Psi)	18	6	2022	6Diax12		14	28.28	104	8238		Non Engraved
2	Raft 4th Pour-218 (6000 Psi)	18	6	2022	6Diax12		14.2	28.28	104	8238		Non Engraved
3	Raft 4th Pour-218 (6000 Psi)	18	6	2022	6Diax12		14	28.28	108	8554		Non Engraved
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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.

Director/Dy. Director Concrete Laboratory

Test Specification

(ASTM C39)

19/7/2022

Dated:

	Plain and Reinforced Concrete Laboratory Civil Engineering Department 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.
-	Zaheer ud din Babar y General Manager Projects, For Habib Rafiq Engineering (Pvt.) Ltd	3577 Dr. Yousaf

Project: Construction of Sky Gardens Tower, Lahore											
Our Ref. No. CL/CED/ 9397	Dated:	22/7/2022	Test Specification								
Your Ref. No. HRLE/SKG/2022/045	Dated:	19/7/2022	(ASTM C39)								

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

Specimens received on: 19/0				2022	Tested on:	22/7	/2022	in dry/we	t condition			E
Sr. No.	Mark*		•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	Trial No. 67 (4500 Psi)	21	6	2022	6Diax12		14	28.28	94	7446		Non Engraved
2	Trial No. 67 (4500 Psi)	21	6	2022	6Diax12		14	28.28	88	6970		Non Engraved
3	Trial No. 67 (4500 Psi)	21	6	2022	6Diax12		14	28.28	94	7446		Non Engraved
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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 comprensive 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.



-	Deputy General Manager Projects, For Habib Rafiq Engineering (Pvt.) Ltd								
	Project: Construction of Sky Gardens Tower, Lahore								
	Our Ref. No. CL/CED/ 9398	Dated:	22/7/2022						

19/7/2022 Your Ref. No. HRLE/SKG/2022/044 Dated:

COMPRESSION TEST REPORT

Test Specification

(ASTM C39)

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

Specim	ens received on:	/07/2	2022	Tested on:	22/7	/2022	in dry/we	t condition			ie de la composición de la composi Composición de la composición de la comp	
Sr. No.	Mark*		•	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	Trial No. 66 (4000 Psi)	21	6	2022	6Diax12		13.4	28.28	81	6416		Non Engraved
2	Trial No. 66 (4000 Psi)	21	6	2022	6Diax12		14	28.28	86	6812		Non Engraved
3	Trial No. 66 (4000 Psi)	21	6	2022	6Diax12		13.8	28.28	89	7050		Non Engraved
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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 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.



Deputy General Manager Projects, For Habib Rafiq Engineering (Pvt.) Ltd							
Project: Construction of Sky Gardens Tower, Lahore							
Our Ref. No. CL/CED/ 9399	Dated:	22/7/2022					

Your Ref. No. HRLE/SKG/2022/046

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COMPRESSION TEST REPORT

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Test Specification

(ASTM C39)

19/7/2022

Dated:

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

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Specim	ens received on:	19	/07/2	2022	Tested on:	22/7	/2022	in dry/wet condition			Ë	je star
Sr. No.	Mark*		Casting 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)	011 (76)	
1	Trial No. 68 (5000 Psi)	21	6	2022	6Diax12		14	28.28	106	8396		Non Engraved
2	Trial No. 68 (5000 Psi)	21	6	2022	6Diax12		13.6	28.28	97	7683		Non Engraved
3	Trial No. 68 (5000 Psi)	21	6	2022	6Diax12		14	28.28	98	7762		Non Engraved
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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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Note: Above results pertain to the unsealed samples supplied to the laboratory



Project: Construction of Sky Gardens Tower, La	nore										
Our Ref. No. CL/CED/ 9400	Dated:	22/7/2022	Test Specification								
Your Ref. No. HRLE/SKG/2022/043	Dated:	19/7/2022	(ASTM C39)								

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

Specimens received on:		19/07/2022			Tested on:	22/7/2022		in dry/wet condition				its de la
Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section (Sq. in)		Ultimate Stress	Water Absorpti on (%)	Remarks
	Trial No. 65 (6000				. ,	(r.g/ gms)	(Kg/ gms)	,	(Imp.Tons)		. ,	
1	Psi)	18	6	2022	6Diax12		13.4	28.28	84	6653		Non Engraved
2	Trial No. 65 (6000 Psi)	18	6	2022	6Diax12		14	28.28	96	7604		Non Engraved
3	Trial No. 65 (6000 Psi)	18	6	2022	6Diax12		14	28.28	96	7604		Non Engraved
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