

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.

7400 Dr. M. Yousaf

To: Project Manager

Sunshine Health Care Pvt. Ltd.

Project: Sunshine Medical Tower, Shahdra.

Our Ref. No. CL/CED/ 5246 Dated: 08-07-24 <u>Test Specification</u>

Your Ref. No. Nil Dated: 05-07-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-07-24 Tested on: 08-07-24 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)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Water Dipped	8	6	2024	6Diax12		13.2	28.28	42	3327		Non Engraved
2	Water Dipped	8	6	2024	6Diax12		14	28.28	52	4119		Non Engraved
3	Field Curing	8	6	2024	6Diax12		13.4	28.28	53	4198		Non Engraved
4	Water Dipped	5	6	2024	6Diax12	/	13.6	28.28	54	4277		Non Engraved
5	Water Dipped	5	6	2024	6Diax12	THE	R//15	28.28	56	4436		Non Engraved
6	Field Curing	5	6	2024	6Diax12	KEAU N	13.2	28.28	55	4356		Non Engraved
7	Water Dipped	1	7	2024	6Diax12	OF THY	ب 14 مان ال مان مان	28.28	51	4040		Non Engraved
8	Water Dipped	1	7	2024	6Diax12		14	28.28	58	4594		Non Engraved
9	Field Curing	1	7	2024	6Diax12	1	13.4	28.28	41	3248		Non Engraved
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12												
13												
14												
15										-		
16												
Witness	sed by: Nil											

witnessea by: Nii

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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> 7384 Dr. M.Yousaf

To: Mr. Muhammad Imran Khan

Material Engineer ECSP, MPA Hostel, Phase-II.

Project: Engineering Consultancy Services for Construction of MPA'S Hostel Lahore, Phase-II

Our Ref. No. CL/CED/ 5247 Dated: 08-07-24 <u>Test Specification</u>

Your Ref. No. 340/ECSP/MPA/ME/89 Dated: 14-06-24 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 04-07-24 Tested on: 08-07-24 in dry/wet condition





Sr. No.	Mark*	Casting Date*		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	Water Tank Wall (Group No.1)	15	5	2024	6x6x6		8.4	36	75	4667		Engraved
2	Water Tank Wall (Group No.1)	15	5	2024	6x6x6		9	36	64	3982		Engraved
3	Water Tank Wall (Group No.1)	15	5	2024	6x6x6		9	36	68	4231		Engraved
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5						THE	RING					
6						READ IN	207					
7			1		- E	OF THY	ر تیب اندنی خلق ر	193			1	
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10						LA	IORE.					
11			-								-	
12			-				-					
13												
14												
15											-	
16												
Witness	Witnessed by: Nil											

Witnessed by: Nil

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> 7384 Dr. M.Yousaf

To: Mr. Muhammad Imran Khan

Material Engineer ECSP, MPA Hostel, Phase-II.

Project: Engineering Consultancy Services for Construction of MPA'S Hostel Lahore, Phase-II

Our Ref. No. CL/CED/ 5248 Dated: 08-07-24 <u>Test Specification</u>

Your Ref. No. 340/ECSP/MPA/ME/90 Dated: 28-06-24

COMPRESSION TEST REPORT

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

Specimens received on: 04-07-24 Tested on: 08-07-24 in dry/wet condition



(BS 1881-116)



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	Lower Basement Slab (Group-1))	31	5	2024	6x6x6		8	36	51	3173		Engraved
2	Lower Basement Slab (Group-1))	31	5	2024	6x6x6		8.6	36	48	2987		Engraved
3	Lower Basement Slab (Group-1))	31	5	2024	6x6x6		8.2	36	47	2924		Engraved
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6						READ IN	200	X				
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10						LA	IOR L					
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12										I	-	
13												
14												
15							-			-	-	
16												
Witness	ad hv. Nil											

Witnessed by: Nil

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> 7389 Dr. M.Yousaf

To: Eastern Dairies (Pvt) Ltd.

2.5 KM Rohi Nala Raiwind Bypass, Raiwind.

Project: Eastern Dairies Pvt. Ltd. (Owner Name: Mr. Mohsin Zafar)

Our Ref. No. CL/CED/ 5249 Dated: 08-07-24 <u>Test Specification</u>

Your Ref. No. H:/USR/C-A-1/EDL-P/042 Dated: 03-07-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04-07-24 Tested on: 08-07-24 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	Line- C (1:1.5:3)	20	5	2024	6x6x6		8.2	36	75	4667		Engraved
2	Line- D (1:1.5:3)	20	5	2024	6x6x6		9	36	72	4480		Engraved
3	Line- A (1:1.5:3)	24	5	2024	6x6x6		8.6	36	70	4356		Engraved
4	Line- B (1:1.5:3)	24	5	2024	6x6x6	/	8.8	36	83	5164		Engraved
5	Line- D (1:1.5:3)	23	5	2024	6x6x6	THE	RI//9	36	81	5040		Engraved
6	Line- A (1:1.5:3)	23	5	2024	6x6x6	KEAD IN	8.8	36	92	5724		Engraved
7	Line- A (1:1.5:3)	14	5	2024	6x6x6	OF THY	الدي خلق ر	36	70	4356		Engraved
8	Line- B (1:1.5:3)	14	5	2024	6x6x6		9	36	76	4729		Engraved
9	Line- A (1:1.5:3)	17	5	2024	6x6x6	10	8.2	36	77	4791		Engraved
10	Line- L-D (1:1.5:3)	17	5	2024	6x6x6	/A	8.2	36	62	3858		Engraved
11												
12												
13												
14												
15												
16												

Witnessed by: Nil

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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
- 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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7396 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. (Basement-1 Retaining Wall Pour # 09)

Our Ref. No. CL/CED/ 5250 Dated: 08-07-24 <u>Test Specification</u>

Your Ref. No. HRLE/SKG/2024/140 Dated: 05-07-24

COMPRESSION TEST REPORT

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

Specimens received on: 05-07-24 Tested on: 08-07-24 in dry/wet condition



(ASTM C39)



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	Cylinder # 331 (6000 Psi)	8	6	2024	6Diax12		14	28.28	132	10455		Non Engraved	
2	Cylinder # 331 (6000 Psi)	8	6	2024	6Diax12		14.2	28.28	78	6178		Non Engraved	
3	Cylinder # 331 (6000 Psi)	8	6	2024	6Diax12		14	28.28	110	8713		Non Engraved	
4													
5					-	WHINE	RING						
6						READ IN	207	 -					
7					1	OF THY LORD WHO CREATES	ر تاب ان کی خلق ر	133			1		
8					887			5					
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10						LA	IORE.						
11													
12													
13													
14													
15													
16							1						
Witness	ed by: Nil	Witnessed by: Nil											

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
- 4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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7396 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. (Basement-1 Columns at C3 (C/4), C3 (D/4), C11 (G~H/3)

Our Ref. No. CL/CED/ 5251 Dated: 08-07-24 Test Specification

Your Ref. No. HRLE/SKG/2024/139 Dated: 05-07-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-07-24 Tested on: 08-07-24 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	Cylinder # 330 (8000 Psi)	8	6	2024	6Diax12		13.8	28.28	114	9030		Non Engraved
2	Cylinder # 330 (8000 Psi)	8	6	2024	6Diax12		13.4	28.28	109	8634		Non Engraved
3	Cylinder # 330 (8000 Psi)	8	6	2024	6Diax12		14.2	28.28	120	9505		Non Engraved
4												
5						HHE	RING					
6						READ IN	207					
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10						LA	IORE.					
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16							1			I		

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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7396 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. (Basement-1 Columns C3A (C&D/1), C3B (E/1), C1 (B/1),

C2 (B/2), C2A (B/3)

Our Ref. No. CL/CED/ 5252 Dated: 08-07-24

Your Ref. No. HRLE/SKG/2024/138 Dated: 05-07-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-07-24 Tested on: 08-07-24 in dry/wet condition



Test Specification



Sr. No.	Mark*	Cas	sting	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	Cylinder # 329 (8000 Psi)	5	6	2024	6Diax12		14	28.28	121	9584		Non Engraved
2	Cylinder # 329 (8000 Psi)	5	6	2024	6Diax12		14.2	28.28	126	9980		Non Engraved
3	Cylinder # 329 (8000 Psi)	5	6	2024	6Diax12		14.2	28.28	114	9030		Non Engraved
4												
5					(HINE	RING					
6						READ IN	207					
7						OF THY	ر تیب اند کی خلق ر	193		-	1	
8												
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10						LA	IORE.					
11											-	
12							-					
13												
14												
15							-				-	
16												
16												-

Witnessed by: Nil

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7401 Dr. M. Yousaf

To: Mr. Muhammad Atif Khalil

Project Manager (BMC), Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders. (Main Building 3rd Floor Zone-01 & 2). (Column # 08 Nos.

Grids # B'/3,C,D/4,5,6,C/3)

Our Ref. No. CL/CED/ 5253 Dated: 08-07-24 <u>Test Specification</u>

Your Ref. No. DOC-BMC/AJWA/164 Dated: 26-06-24 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05-07-24 Tested on: 08-07-24 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	(6000 Psi)	24	5	2024	6Diax12		13.4	28.28	83	6574		Non Engraved
2	(6000 Psi)	24	5	2024	6Diax12		14	28.28	95	7525		Non Engraved
3	(6000 Psi)	24	5	2024	6Diax12		14	28.28	87	6891	1	Non Engraved
4												
5						THE	RING					
6						READ IN	207					
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Witnessed by: Nil

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