

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

4056 **Dr.Mazhar Saleem**

G3 Engineering	Consultants (Pvt.) Ltd. Lahore			
Project: Constru	uction of DHA Newlife Residency Appa	rtments at 273/1 Q Block P	Phase-II DHA, Lahore	
(Column & Shea	ar Wall) (5000 Psi)			
Our Ref. No. CL	/CED/ 57	Dated:	14-10-22	
Your Ref. No.	G3/DHA-NLD/RE/106	Dated:	10-10-22	

COMPRESSION TEST REPORT



Test Specification (ASTM C39)

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

Specim	ens received on:	1	3-10	-22	Tested on:	14-1	10-22]in dry/wet condition			ONLINE REPORT	
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	2nd Floor to 3rd Floor Column	9	9	2022	6Diax12		14	28.28	83	6574		Engraved
2	2nd Floor to 3rd Floor Column	9	9	2022	6Diax12		14	28.28	85	6733		Engraved
3	2nd Floor to 3rd Floor Column	9	9	2022	6Diax12		14	28.28	81	6416		Engraved
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5					/	HINE	RING					
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Witness	ed by: Nil											

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

 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory



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4056 **Dr.Mazhar Saleem**

To: Engr. Hassan Mahmood (Resident Engineer) G3 Engineering Consultants (Pvt.) Ltd. Lahore

Project: Construction of DHA Newlife Residency Appartments at 273/1 Q Block Phase-II DHA, Lahore (Column & Shear Wall) (5000 Psi), M/s Ghousia Engineering & Construction Pvt. Ltd.									
Our Ref. No. CL/CED/ 57 Dated: 14-10-22									
Your Ref. No.	G3/DHA-NLD/RE/106	Dated:	10-10-22						

COMPRESSION TEST REPORT

Test Specification (ASTM C39)

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers	\$
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Specim	ens received on:	1	3-10	-22	Tested on:	14-1	10-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	2nd Floor to 3rd	9	9	2022	6Diax12		14	28.28	83	6574		Engraved
2	2nd Floor to 3rd Floor Column	9	9	2022	6Diax12		14	28.28	85	6733		Engraved
3	2nd Floor to 3rd Floor Column	9	9	2022	6Diax12		14	28.28	81	6416		Engraved
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6)	READ W	Sala D					
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Witness	ad by: Nil											

Nitnessed by: Nil

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4000 Dr. Umbreen

To: Mr. Z. H. Kazmi (Principal Architect) Z.H. Kazmi & Associates, Lahore

Project: Civil, Plumbing & Electrical Works of MCB Bank Ltd. Minchanabad District Bahawalnagar

Our Ref. No. CL/C	ED/ 59	Dated:	14-10-22	Test Specification
Your Ref. No.	Nil	Dated:	03-10-22	()

COMPRESSION TEST REPORT

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

Specim	ens received on:	0	4-10	-22	Tested on:	13-1	0-22	in dry/we	t condition		Ë	1238896
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	A-1				8.2 x 4 x 2.9	2680	2160	32.8	27	1844	24.07	
2	A-1				8.2 x 3.9 x 2.8	2730	2315	31.98	37	2592	17.93	
3	A-1				8.1 x 4 x 2.8	2565	2055	32.4	29	2005	24.82	
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 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory





To: Mr. Magsood Alam Senior Manager (Civil) Systems Limited, Lahore

Project: Rear To	Project: Rear Tower Systems Limited									
Our Ref. No. CL	/CED/ 68	Dated:	14/10/2022	Test Specification						
Your Ref. No.	SYS-RT-UET-005	Dated:	07-10-22	(ASTM C39)						

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	1-10	-22	Tested on:	14/10)/2022	in dry/we	t condition		Ë	ite ale si
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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	1st Floor Column	1	6	2022	6Diax12		14	28.28	73	5782		Non Engraved
2	1st Floor Column	1	6	2022	6Diax12		14	28.28	86	6812		Non Engraved
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5					/	RINE	RIATE					
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Witness	ed by:											

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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





To: Mr. Magsood Alam Senior Manager (Civil) Systems Limited, Lahore

Project: Rear Tov	Project: Rear Tower Systems Limited									
Our Ref. No. CL/C	ED/ 69	Dated:	14/10/2022	Test Specification						
Your Ref. No.	SYS-RT-UET-006	Dated:	07-10-22	(ASTM C39)						

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	1-10	-22	Tested on:	14/10)/2022	in dry/we	t condition		Ë	122.000 (A
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 Slab	25	6	2022	6Diax12		13.4	28.28	63	4990		Non Engraved
2	1st Floor Slab	25	6	2022	6Diax12		13.8	28.28	67	5307		Non Engraved
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Witnessed by:												

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

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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.



the lab for record.



To: Mr. Magsood Alam Senior Manager (Civil) Systems Limited, Lahore

> **Project: Rear Tower Systems Limited** Our Ref. No. CL/CED/ 70 Dated: 14/10/2022 Test Specification Your Ref. No. 07-10-22 SYS-RT-UET-007 Dated: (ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	1-10	-22	Tested on:	14/10	0/2022	in dry/we	t condition		Ö	jesiiri
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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	2nd Floor Column	19	6	2022	6Diax12		13.6	28.28	58	4594		Non Engraved
2	2nd Floor Column	19	6	2022	6Diax12		13.2	28.28	69	5465		Non Engraved
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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 comprensive strength

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





To: Mr. Magsood Alam Senior Manager (Civil) Systems Limited, Lahore

Project: Rear Tow	Project: Rear Tower Systems Limited									
Our Ref. No. CL/C	ED/ 71	Dated:	14/10/2022	Test Specification						
Your Ref. No.	SYS-RT-UET-008	Dated:	07-10-22	(ASTM C39)						

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	1-10	-22	Tested on:	14/10	0/2022	in dry/we	t condition		Ö	12.3. 8 .96
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	2nd Floor Column	1	7	2022	6Diax12		14	28.28	70	5545		Non Engraved
2	2nd Floor Column	1	7	2022	6Diax12		14	28.28	73	5782		Non Engraved
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 $\underline{\textbf{Note:}}$ 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





To: Mr. Magsood Alam Senior Manager (Civil) Systems Limited, Lahore

Project: Rear Tower Systems Limited									
Our Ref. No. CL/C	ED/ 72	Dated:	14/10/2022	Test Specification					
Your Ref. No.	SYS-RT-UET-009	Dated:	07-10-22	(ASTM C39)					

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	1-10	-22	Tested on:	14/10)/2022	in dry/we	t condition		Ē	i ta ka	
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	2nd Floor Slab	5	8	2022	6Diax12		14	28.28	74	5861		Non Engraved	
2	2nd Floor Slab	5	8	2022	6Diax12		13.2	28.28	65	5149		Non Engraved	
3	2nd Floor Slab	5	8	2022	6Diax12		13.8	28.28	60	4752		Non Engraved	
4	2nd Floor Slab	5	8	2022	6Diax12		13.6	28.28	75	5941		Non Engraved	
5					/	GINE	RIATE						
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Note: Above results pertain to the unsealed samples supplied to the laboratory



To: Mr. Magsood Alam Senior Manager (Civil) Systems Limited, Lahore

Project: Rear Tower Systems Limited									
Our Ref. No. CL/C	ED/ 73	Dated:	14/10/2022	Test Specification					
Your Ref. No.	SYS-RT-UET-010	Dated:	11-10-22	(ASTM C39)					

COMPRESSION TEST REPORT





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

Specim	ens received on:	1	1-10	-22	Tested on:	14/10)/2022	in dry/we	t condition			jester o
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	3rd Floor Column	22	8	2022	6Diax12		14	28.28	78	6178		Non Engraved
2	3rd Floor Column	22	8	2022	6Diax12		14	28.28	76	6020		Non Engraved
3	3rd Floor Column	22	8	2022	6Diax12		13.4	28.28	71	5624		Non Engraved
4	3rd Floor Column	22	8	2022	6Diax12		14	28.28	67	5307		Non Engraved
5					/	HINE	RIATE					
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Note: Above results pertain to the unsealed samples supplied to the laboratory



To: Mr. Muhammad Sohail Anjum

Project Manager, MS Tower, G4 Lahore

Project: Construction of MS Tower at Plot 450, 451 Johar Town Lahore

Our Ref. No. CL/	CED/ 74	Dated:	14/10/2022	Test Specification
Your Ref. No.	MST/UET/2022/C-062	Dated:	12-10-22	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	13	/10/2	2022	Tested on:	14/10)/2022	in dry/we	t condition			jeren
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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	109 (5000 Psi)	14	9	2022	6Diax12		13.2	28.28	66	5228		Non Engraved
2	110 (5000 Psi)	14	9	2022	6Diax12		13.6	28.28	67	5307		Non Engraved
3	111 (5000 Psi)	14	9	2022	6Diax12		13.4	28.28	54	4277		Non Engraved
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To: Mr. Muhammad Irfan Material Engineer, Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Burj-1 b	Project: Burj-1 by AJWA Builders									
Our Ref. No. CL/	CED/ 75	Dated:	14/10/2022	Test Specification						
Your Ref. No.	DOC-BMC/AJWA/024	Dated:	13/10/2022	(ASTM C39)						

COMPRESSION TEST REPORT

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

Specimens received on:		13/10/2022			Tested on:	14/10/2022		in dry/wet condition			i takata sa	
Sr. No.	Mark*	Casting Date*		Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Shear Wall # 02 (6000 Psi)	6	10	2022	6Diax12		14.2	28.28	41	3248		Non Engraved
2	Shear Wall # 02 (6000 Psi)	6	10	2022	6Diax12		13.8	28.28	34	2693		Non Engraved
3	Shear Wall # 02 (6000 Psi)	6	10	2022	6Diax12		13.8	28.28	57	4515		Non Engraved
4												
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Director/Dy. Director Concrete Laboratory