

Project: Constru	uction of DHA Newlife Residency Appa	rtments at 273/1 Q Block	Phase-II DHA. Lahor	9
(Column, Shear	Wall & Lift) M/s Ghousia Engineering	& Construction Pvt. Ltd.	,	
Our Ref. No. CL	/CED/ 310	Dated:	11-11-22	Test Specification
Your Ref. No.	G3/DHA-NLD/RE/115	Dated:	07-11-22	(ASTM C39)

COMPRESSION TEST REPORT

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

4218 Dr. Usman Akmal

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

Specim	ens received on:	1	0-11	-22	Tested on:	11-1	1-22	in dry/we	t 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	3rd to 4th Floor (5000 Psi)	11	10	2022	6Diax12		14	28.28	69	5465		Engraved
2	3rd to 4th Floor (5000 Psi)	11	10	2022	6Diax12		14	28.28	61	4832		Engraved
3	3rd to 4th Floor (5000 Psi)	11	10	2022	6Diax12		14.2	28.28	59	4673		Engraved
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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

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



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

4218 Dr. Usman Akmal

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 (Pour-											
4 Second Floor Roof Slab) M/s Ghousia Engineering & Construction Pvt. Ltd.											
Our Ref. No. CL/CED/ 311 Dated: 11-11-22 Test Specification											
Your Ref. No.	G3/DHA-NLD/RE/116	Dated:	07-11-22	(ASTM C39)							

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	0-11	-22	Tested on:	11-1	1-22	in dry/we	t 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	(4000 Psi)	11	10	2022	6Diax12		13.8	28.28	83	6574		Engraved
2	(4000 Psi)	11	10	2022	6Diax12		14.4	28.28	79	6257		Engraved
3	(4000 Psi)	11	10	2022	6Diax12		13.8	28.28	79	6257		Engraved
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Witness	ed by: Nil											

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

	Plain and Reinforced Civil Engineering I University of Engineering and Techr Landline: 042-99029245 & 042-99029202	Concrete Labor Department nology, Lahore. Pakistan Mobile: 0307-04968	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
				4214 Dr. Yousaf
To: Eng Ren	r. Tayyab Rasool, Project Manager aissance International Pvt. Ltd. (Lahore Motorw	ay City Project)		
Proj Mot Our	ect: Construction of Overhead Water Reservior orway City, Sheikhupura Road, Lahore. (100,000 Ref. No. CL/CED/ 312	(Shaft, Pour # 10) at Block T Gallons Capacity). Dated:	rust Prime, Lahore 11-11-22	Test Specification

Dated:

24-10-22

(BS 1881-116)

COMPRESSION TEST REPORT

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

QC/22/041

Specim	ens received on:	1	0-11	-22	Tested on:	11-1	1-22	in dry/we	t 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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	# 1772	25	9	2022	6x6x6		8.4	36	94	5849		Non Engraved
2	# 1773	25	9	2022	6x6x6		8	36	78	4853		Non Engraved
3	# 1774	25	9	2022	6x6x6		8.2	36	49	3049		Non Engraved
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Witness	ed by: Nil					-						

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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.

4219 Dr. Asad Gilani

To: Mr. Ateeq Ahmad Bhatti

Ravi Autos, Peoples Colony, G.T. Road, Shahdara, Lahore.

Project: Nil				
Our Ref. No. CL/	CED/ 313	Dated:	11-11-22	Test Specification
Your Ref. No.	10/PSI/UET	Dated:	11-11-22	()

COMPRESSION TEST REPORT

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

Specim	ens received on:	1	1-11	-22	Tested on:	11-1	1-22	in dry/we	t condition		Ē	这部提示
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		עט		YYYY	(in)	(Kg/gms)	(Kg/gms)	(Sq. in)	(imp.ions)	(psi)	- ()	
1	Rectangular Grey 80mm				7.7 x 3.8 x 3.2		3480	29.26	29	2220		
2	Rectangular Grey 80mm				7.7 x 3.8 x 3.2		3540	29.26	31	2373		
3	Rectangular Grey 80mm				7.7 x 3.8 x 3.2		3510	29.26	25	1914		
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Witness	ed by:											

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ne lab for record.

To: Mr.Young

Henan D. R. Construction Group Co., Ltd (Pakistan Branch)

Project: Nil			
Our Ref. No. CL/CED/ 314	Dated:	11-11-22	Test Specification
Your Ref. No. Nil	Dated:	Nil	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	10	/11/2	2022	Tested on:	11-1	11-22	in dry/we	t condition		Ë	jesiiksi
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	C-10	17	9	2022	6x6x6		7.4	36	15	933		Non Engraved
2	C-10	17	9	2022	6x6x6		7	36	14	871		Non Engraved
3	C-10	17	9	2022	6x6x6		7.2	36	14.5	902		Non Engraved
4	C-20	17	9	2022	6x6x6		7.4	36	41	2551		Non Engraved
5	C-20	17	9	2022	6x6x6 🧹	GINE	7.6	36	40	2489		Non Engraved
6	C-20	17	9	2022	6x6x6	MEAD N	7.8	36	45	2800		Non Engraved
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8					130			i\ NN <i>D</i>				
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	Plain and Reinforced C Civil Engineering D University of Engineering and Techno Landline: 042-99029245 & 042-99029202	Concrete Labor epartment ology, Lahore. Pakistan Mobile: 0307-04968	ratory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To:	Sub Engineer PHATA Sub Region Okara			4212 Dr. Yousaf
	Project: Construction of Houses 3-Marla & 5-Marla in Pakistan Housing Program. (M/S Pak Shahid Develop Our Ref. No. CL/CED/ 315	ADS-II Renala Khurd Distr pers & JV Recent Construc Dated:	rict Okara under Naya tion) 11-11-22	a <u>Test Specificatior</u>
	Your Ref. No. No. 2076	Dated:	07-11-22	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	10)/11/2	2022	Tested on:	11-1	1-22	in dry/we	t condition		Ë	jester
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Sectior (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	H. No. 189-212	6	10	2022	6x6x6		8.6	36	60	3733		Non Engraved
2	H. No. 189-212	6	10	2022	6x6x6		8.6	36	70	4356		Non Engraved
3	H. No. 189-212	6	10	2022	6x6x6		8.4	36	65	4044		Non Engraved
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To: M. Afzal

Site Engineer, M/S LINKER

Project: Construction of Hassan & Huma Residence- DHA Phase VIII, Sector A, Lahore

Our Ref. No. CL/	CED/ 316	Dated:	11-11-22	Test Specification
Your Ref. No.	LD/H&H/445-A/C-01	Dated:	25/10/2022	(ASTM C39)

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COMPRESSION TEST REPORT



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

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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	Ground Floor Slab (3000 Psi)	29	10	2022	6Diax12		12.4	28.28	41	3248		Non Engraved
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Witnessed by:

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4211 Dr. Yousaf

To: Mr. Muhammad Adnan

Project Manager, ICON VALLEY Phase II

Project: ICON Signature 3rd Floor Slab 2nd Part and Shear Walls

Our Ref. No. CL/C	ED/ 317	Dated:	11-11-22	Test Specification
Your Ref. No.	IV-18	Dated:	10-11-22	(ASTM C39)

COMPRESSION TEST REPORT



Specim	ens received on:	10)/11/2	022	Tested on:	11-1	11-22	in dry/we	t condition			jesteg
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	4000 Psi	12	10	2022	6Diax12		13.6	28.28	78	6178		Non Engraved
2	4000 Psi	12	10	2022	6Diax12		13	28.28	70	5545		Non Engraved
3	4000 Psi	12	10	2022	6Diax12		13.4	28.28	67	5307		Non Engraved
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ORIGINAL A carbon copy for the report has been retained in the lab for record.

To: Mr. Haroon Rashid

Site Supervisor, Pakistan Rangers (Punjab)

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Project: Construction of OPD Block at HQ Pakistan Rangers (Punjab).

Our Ref. No. CL/	CED/ 318	Dated:	11/11/2022	Test Specification
Your Ref. No.	2231/Works/1611	Dated:	21/9/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

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Specim	ens received on:	7/	/11/2	022	Tested on:	11/11	/2022	in dry/we	t condition		0	日本会社部分
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)	on (%)	
1	Strip Footing	21	9	2022	6Diax12		13	28.28	70	5545		Non Engraved
2	Strip Footing	21	9	2022	6Diax12		13	28.28	58	4594		Non Engraved
3	Strip Footing	21	9	2022	6Diax12		13	28.28	63	4990		Non Engraved
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A carbon copy for
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been retained in
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4213 Dr. Yousaf

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/ 319	Dated:	11/11/2022	Test Specification
Your Ref. No.	MST/UET/2022/C-068	Dated:	08/11/2022	(ASTM C39)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pa	vers
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Specimens received on:		10	10/11/2022		Tested on:	11/11/2022		in dry/wet condition				
Sr. No.	r. No. Mark*		ting	Date*	Size	Wet Dry Weight Weight	Area of X-Section	Ultimate Ioad (Imp.Tons)	Ultimate Stress	Water Absorpti	Remarks	
		DD MM YYYY			(in)	(Kg/ gms) (I	(Kg/ gms)		(Sq. in)	(psi)	on (%)	
1	#154 (5000 Psi)	1	11	2022	6Diax12		13.6	28.28	63	4990		Non Engraved
2	#155 (5000 Psi)	1	11	2022	6Diax12		13.2	28.28	61	4832		Non Engraved
3	#156 (5000 Psi)	1	11	2022	6Diax12		13.8	28.28	64	5069		Non Engraved
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Witnessed by:

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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.

Director/Dy. Director Concrete Laboratory



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

> 4213 Dr. Yousaf

ORIGINAL

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/ 320	Dated:	11/11/2022	Test Specification
Your Ref. No.	MST/UET/2022/C-069	Dated:	10/11/2022	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on:		10/11/2022		2022	Tested on:	11/11/2022		in dry/wet condition				
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
				MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)
1	#143 (3000 Psi)	14	10	2022	6Diax12		13	28.28	19	1505		Non Engraved
2	#146 (3000 Psi)	14	10	2022	6Diax12		13	28.28	19	1505		Non Engraved
3	#147 (3000 Psi)	14	10	2022	6Diax12		13	28.28	17	1347		Non Engraved
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To: M/S Riaz Textile Mills (Pvt) Limited. Main Boulevard, Gulberg-II, Lahore.

Project: Nil			
Our Ref. No. CL/CED/	321	Dated:	11/11/2022
Your Ref. No. Nil		Dated:	08/11/2022

COMPRESSION TEST REPORT

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

Specim	ens received on:	10)/11/2	022	Tested on:	11/11	1/2022 in dry/wet condition			Ö		
Sr. No.	Mark*	Casting Date*		Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Rectangular, Grey, 80mm				7.7 x 3.8 x 3.1		3310	29.26	40	3062		
2	Rectangular, Grey, 80mm				7.7 x 3.8 x 3.1		3770	29.26	50	3828		
3	Rectangular, Grey, 80mm				7.7 x 3.8 x 3.1		3245	29.26	44	3368		
4	Rectangular, Grey, 80mm				7.7 x 3.8 x 3.1		3415	29.26	55	4211		
5	Rectangular, Grey, 80mm				7.7 x 3.8 x 3.1	HARD	3455	29.26	53	4057		
6	Rectangular, Grey, 80mm				7.7 x 3.8 x 3.1		3390	29.26	48	3675		
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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

 $\underline{\textbf{Note:}}$ 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

2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Supervisor (Lab)



Test Specification

(----)



of ingredients)

