

Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895 <u>ORIGINAL</u> A carbon copy for the report has been retained in the lab for record.

> 8331 Dr. Aqsa

To: Mr. M. Waseem Azhar

Assistant Dircetor (QCD) WASA, LDA, Lahore

Project: Testing of Concrete Cylinder against (M/S. AL MADINAH PIPE INDUSTRY)

Our Ref. No. CL/CED/ 6695	Dated:	10-12-24	Test Specification
Your Ref. No. QCD/2404	Dated:	02-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

ens received on:	0	2-12	-24	Tested on:	10-1	2-24	in dry/wet	condition		Ü	jesken
Mark*		-		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)			Stress	water	Remarks
	4	11	2024	6Diax12		13.2	28.28	34	2693		Engraved
	4	11	2024	6Diax12		13.2	28.28	32	2535		Engraved
				-	THE	RING					
				-	READIN						
					OF THY CRD WHO OREATES	ریج۔ انڈکی خلق ر	1				
				188							
				-	20-		~				
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	Mark*	Mark* Cas DD 4 4 4 4 -	Mark* Casting DD MM 4 11 -	Mark* Casting Date* DD MM YYYY 4 11 2024 4 11 2024 4 11 2024 4 11 2024 4 11 2024 4 11 2024 4 11 2024 4 11 2024 4 11 2024 4 11 2024 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Mark* Casting Date* Size DD MM YYY (in) 4 11 2024 6Diax12 4 11 2024 6Diax12 4 11 2024 6Diax12 4 11 2024 6Diax12 4 11 2024 6Diax12	Mark* Casting Date* Size Wet Weight DD MM YYYY (in) (Kg/gms) 4 11 2024 6Diax12 4 11 2024 6Diax12 4 11 2024 6Diax12 4 11 2024 6Diax12 -	Mark* Casting Date* Size Wet Weight Dry Weight DD MM YYYY (in) (Kg/gms) (Kg/gms) 4 11 2024 6Diax12 13.2 13.2	Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section (Sq. in) 4 11 2024 6Diax12 13.2 28.28 4 11 2024 6Diax12 13.2 28.28 4 11 2024 6Diax12 13.2 28.28 13.2 28.28	Mark* Casting Date* Size Wet Weight (Kg/ gms) Dry Weight (Sq. im) Area of X-Section (Imp.Tons) 4 11 2024 6Diax12 13.2 28.28 34 4 11 2024 6Diax12 13.2 28.28 32 13.2 28.28 32 13.2 28.28 32	Mark* Casting Date* Size Wet Weight (Kg/gms) Dry Weight (Kg/gms) Area of X-Section (Imp. Tons) Ultimate Stress (psi) 4 11 2024 6Diax12 13.2 28.28 34 2693 4 11 2024 6Diax12 13.2 28.28 32 2535 13.2 28.28 32 2535	Mark* Casting Date* Size Wet weight weight (Kg/gms) Dry weight weight (Kg/gms) Area of X-Section (Imp. Tons) Ultimate bisod (Imp. Tons) Water Absorpti on (%) 4 11 2024 6Diax12 13.2 28.28 34 2693 4 11 2024 6Diax12 13.2 28.28 32 2535 13.2 28.28 32 2535 <td< td=""></td<>

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 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.



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> 8331 Dr. Aqsa

To: Mr. M. Waseem Azhar

Assistant Dircetor (QCD) WASA, LDA, Lahore

Project: Testing of Concrete Cylinder against (M/S. AL MADINAH PIPE INDUSTRY)

Our Ref. No. CL/	CED/ 6696	Dated:	10-12-24	Test Specification
Your Ref. No.	QCD/2405	Dated:	02-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	2-12	-24	Tested on:	10-1	2-24	in dry/we	t condition		Ü	je steri
Sr. No.	Mark*	Cas	_	Date*	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		9	9	2024	6Diax12		13.4	28.28	38	3010		Engraved
2		9	9	2024	6Diax12		13	28.28	38	3010		Engraved
3												
4												
5					-	THE	RING A					
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7						OF THY CORD WHO OREATES	زیجک الارکی خلق ر					
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10					<	/A	IORL.					
11												
12												
13												
14												
15												
16												
Witness	ed by:											

witnessed by:

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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

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> 8357 Dr. Aqsa

To: Engr. Muhammad Aslam Site Engineer, Hussain Builders, Lahore.

Project: Construction of Lahore Grammer School Shalamar Link Road, Lahore.

Our Ref. No. CL/CED/ 6697	Dated:	10-12-24	Test Specification
Your Ref. No. Nil	Dated:	05-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	5-12	-24	Tested on:	10-1	2-24	in dry/wet condition			Ö	je ster
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		9	11	2024	6Diax12		13	28.28	43	3406		Engraved
2		9	11	2024	6Diax12		13.2	28.28	28	2218		Engraved
3		25	11	2024	6Diax12		13	28.28	28	2218		Non Engraved
4		25	11	2024	6Diax12	/	13.2	28.28	27	2139		Non Engraved
5						WHINE	RIA					
6						READ N						
7						OF THY GRO WHO OREATES	ر بک اند کی خلق ر					
8					- 88			5				
9							1	≥ <				
10							IDR					
11												
12												
13												
14												
15												
16												
Witness	Witnessed by:											

witnessed by:

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

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Supervisor (Lab)



Civil Engineering Department

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> 8370 Dr. Aqsa

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL/	CED/ 6698	Dated:	10-12-24	Test Specification
Your Ref. No.	G3/DHA-NLD/RE/285	Dated:	04-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimo	ens received on:	0	6-12	-24	Tested on:	10-1	2-24	in dry/we	t condition		Ë	jčenego
Sr. No.	Mark*	Cas	-	Date*	Size (in)	Wet Weight (Kq/ qms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)		Water Absorpti on (%)	Remarks
1	SOG (4000 Psi)	21	10	2024	6Diax12		14	28.28	80	6337		Non Engraved
2	SOG (4000 Psi)	21	10	2024	6Diax12		14.4	28.28	76	6020		Non Engraved
3	SOG (4000 Psi)	21	10	2024	6Diax12		14	28.28	70	5545		Non Engraved
4												
5					1	WHINE	RING A					
6					-	READ N	207					
7						OF THY -CORD WHO OREATES	زیجک الکی خلق ر	2				
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14												
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Witness	Nitnessed by:											

witnessed by:

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

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> 8370 Dr. Aqsa

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

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL/CED/ 6699	Dated:	10-12-24	Test Specification
Your Ref. No. G3/DHA-NLD/R	E/286 Dated:	04-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	6-12	-24	Tested on:	10-1	2-24	in dry/wet condition			Ĺ	jester
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Shear Wall SW3 (5000 Psi)	21	10	2024	6Diax12		14	28.28	73	5782		Non Engraved
2	Shear Wall SW3 (5000 Psi)	21	10	2024	6Diax12		13.8	28.28	86	6812		Non Engraved
3	Shear Wall SW3 (5000 Psi)	21	10	2024	6Diax12		14	28.28	74	5861		Non Engraved
4												
5						THE	RING					
6					- 2	READ IN	2071	_				
7						OF THY CREATES	زیجے۔ انڈکی خلق ر	133				
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Witness	ed bv:					•			•			

witnessed by:

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Supervisor (Lab)



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> 8370 Dr. Aqsa

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL	CED/ 6700	Dated:	10-12-24	Test Specification
Your Ref. No.	G3/DHA-NLD/RE/287	Dated:	04-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specim	ens received on:	0	6-12	-24	Tested on:	10-1	2-24	in dry/we	t condition		Ë	je 2029)
Sr. No.	Mark*	Cas DD	-	Date*	Size (in)	Wet Weight	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Septic Tank Walls (4000 Psi)	30	10	2024	6Diax12		(itg/ gills) 13	28.28	73	5782		Non Engraved
2	Septic Tank Walls (4000 Psi)	30	10	2024	6Diax12		14	28.28	78	6178		Non Engraved
3	Septic Tank Walls (4000 Psi)	30	10	2024	6Diax12		14.4	28.28	79	6257		Non Engraved
4												
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6					>	READ IN	2071	_				
7						OF THY CREATES	زیجب الدی خلق ر					
8					S.8.7							
9					-					-		
10					<	/ A	IORE					
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12										-		
13												
14												
15												
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Witness	sed by:											

Witnessed by:

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> 8370 Dr. Aqsa

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL/	'CED/ 6701	Dated:	10-12-24	Test Specification
Your Ref. No.	G3/DHA-NLD/RE/288	Dated:	04-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		0	6-12	-24	Tested on:	10-1	2-24	in dry/we	t condition		Ë	j2.33896
Sr. No.	Mark*	Cas DD	-	Date*	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	Ducts (4000 Psi)	8	11	2024	6Diax12		14	28.28	74	5861		Non Engraved
2	Ducts (4000 Psi)	8	11	2024	6Diax12		14.8	28.28	78	6178		Non Engraved
3	Ducts (4000 Psi)	8	11	2024	6Diax12		13.8	28.28	79	6257		Non Engraved
4												
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6					-	READIN						
7						OF THY CRO WHO OREATES	ریج۔ اندکی خلق ر					
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> 8370 Dr. Aqsa

To: Engr. Hassan Mahmood

Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q Block Phase-II DHA, Lahore.

Our Ref. No. CL/	CED/ 6702	Dated:	10-12-24	Test Specification
Your Ref. No.	G3/DHA-NLD/RE/289	Dated:	04-12-24	(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on:		0	6-12	-24	Tested on:	10-1	2-24	in dry/we	t condition		Ü	je steri
Sr. No.	Mark*		•	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	Shear Wall SW3	DD	1	ΥΥΥΥ	()	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		()	
1	(5000 Psi)	8	11	2024	6Diax12		14.4	28.28	89	7050		Non Engraved
2	Shear Wall SW3 (5000 Psi)	8	11	2024	6Diax12		15	28.28	67	5307		Non Engraved
3	Shear Wall SW3 (5000 Psi)	8	11	2024	6Diax12		14	28.28	79	6257		Non Engraved
4												
5						THE	RING					
6					/ 2	READ IN	2071	_				
7						OF THY CREATES	زیجب الدمی خلق ر	133				
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Witnessed by:												

Witnessed by:

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8356 Dr. M. Yousaf

To: Mr. Riaz Ahmed

Riaz Construction Company, Civil Contractor, Lahore.

Project: Construction of TCF High School Karnky Cantt Area Lahore.

Our Ref. No. CL/CED/ 6703	Dated:	10-12-24	Test Specification
Your Ref. No. Nil	Dated:	05-12-24	(BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on:		0	05-12-24 Tested on:		10-12-24 in d		in dry/we	in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	777		1	YYYY	(in) 8.8 x 4.2 x 2.8	,	(Kg/ gms) 3155	(Sq. in) 36.96	(Imp.Tons) 44	(psi) 2667		
1												
2	777				8.8 x 4.2 x 2.8		3090	36.96	45	2727		
3	777				8.8 x 4.2 x 3		3125	36.96	43	2606		
4	777				8.8 x 4.1 x 2.9		3140	36.08	48	2980		
5	777				8.7 x 4.1 x 2.8	NHINE	3050	35.67	42	2638		
6					- 2	READ IN	2071					
7						OF THY BORD WHO CREATES	زیجب الد فی خلق ر	133				
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Witnessed by:

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