

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.

> 6237 Dr. M.Yousaf

To: Engr. Kamal Sarwar, Q Builders, Etihad Town Raiwind Road, Lahore.

Qadri Associates Traders, Consultants & Suppliers

Project: Flag Square Builder

Our Ref. No. CL/CED/ 3522 Dated: 20-11-23 <u>Test Specification</u>

Your Ref. No. QB/01/ST Dated: 14-11-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 Tested on: 20-11-23 in dry/wet condition





Sr. No. Mark*		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 (%)	
Foundation Raft (1:2:4)	27	10	2023	6Diax12		13.6	28.28	46	3644		Non Engraved
(1:2:4)	27	10	2023	6Diax12		14	28.28	49	3881		Non Engraved
Foundation Raft (1:2:4)	27	10	2023	6Diax12		14	28.28	36	2851		Non Engraved
					HINE	RING					
					READ IN	207					
				È	OF THY LEGRO WHO CREATES	ر بجب ان فی خلق ر	<u> </u>		-		-
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	Foundation Raft (1:2:4) Foundation Raft (1:2:4) Foundation Raft (1:2:4)	Mark* DD Foundation Raft (1:2:4) Foundation Raft (1:2:4) Foundation Raft (1:2:4)	Mark* DD MM Foundation Raft (1:2:4) Foundation Raft (1:2:4) Foundation Raft (1:2:4)	DD MM YYYY	Mark* DD MM YYYY (in) Foundation Raft (1:2:4) Foundation Raft (1:2:4) Foundation Raft (1:2:4) Foundation Raft (1:2:4) Foundation Raft (1:2:4)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight Weight X-Section	Mark*	Mark* Casting Date* Size Weight Weight XSection load Stress (fpsi)	Mark* Casting Date* Size Weight Weight X-Section load Stress Absorption (%)

Witnessed 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 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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> 6227 Dr. M.Yousaf

To: Director Projects

Innovative ® Construction Company

Project: Construction of Ware House (Shell Structure) at SR-03 Sheikhupura.

Our Ref. No. CL/CED/ 3523 Dated: 20-11-23 <u>Test Specification</u>

Your Ref. No. ICL/SR-3/SHELLS/1123/01 Dated: 13-11-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13-11-23 Tested on: 20-11-23 in dry/wet condition





Sr. No. Mark*			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		29	10	2023	6Diax12		14	28.28	38	3010		Non Engraved
2		1	11	2023	6Diax12		14.6	28.28	73	5782		Non Engraved
3		5	11	2023	6Diax12		14	28.28	42	3327		Non Engraved
4		30	11	2023	6Diax12		14.4	28.28	38	3010		Non Engraved
5		2	11	2023	6Diax12	THE	15.4	28.28	62	4911		Non Engraved
6		6	11	2023	6Diax12	READ IN	14.6	28.28	54	4277		Non Engraved
7					17	OF THY LORD WHO CREATES	ر بجب الد في خلق ر	E2				
8					1. F.R.S.			3 —				
9						-						
10						-1A	IORE.					
11												
12												
13												
14												
15												
16												
Witness	od by: Nil		·				•					

Witnessed 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 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)
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> 6233 Dr. M.Yousaf

To: Hussain Construction Company

DHA Phase-8, Broadway, Lahore.

Project: (Allied School) at CMH Medical and Dental College Lahore.

Our Ref. No. CL/CED/ 3524 Dated: 20-11-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 Tested on: 20-11-23 in dry/wet condition





Sr. No. Mark*		ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
	DD	DD MM YY		(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
(1:2:4)	9	10	2023	6Diax12		14	28.28	49	3881		Engraved
(1:2:4)	9	10	2023	6Diax12		13.4	28.28	40	3168		Engraved
First Floor Slab (1:2:4)	9	10	2023	6Diax12		14.6	28.28	37	2931		Engraved
					WEINE	RING				-	
				}	READ IN	207					-
					OF THY GREATES	ر تیب اند کی خلق ر	===		-	1	
							5			-	
										-	
					-LA	IORE.				-	
											-
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	First Floor Slab (1:2:4) First Floor Slab (1:2:4) First Floor Slab (1:2:4)	Mark* DD First Floor Slab (1:2:4) First Floor Slab (1:2:4) First Floor Slab (1:2:4)	Mark* DD MM First Floor Slab	DD MM YYYY	Mark* DD MM YYYY (in) First Floor Slab (1:2:4) First Floor Slab (1:2:4) First Floor Slab (1:2:4) First Floor Slab (1:2:4) First Floor Slab (1:2:4)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight Weight X-Section	Mark*	Mark* Casting Date* Size Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) First Floor Slab (1:2:4) 9 10 2023 6Diax12 14 28.28 49 3881 First Floor Slab (1:2:4) 9 10 2023 6Diax12 13.4 28.28 40 3168 First Floor Slab (1:2:4) 9 10 2023 6Diax12 14.6 28.28 37 2931 <td> Mark* Casting Date* Size Weight Weight X-Section load Stress Absorption (%) </td>	Mark* Casting Date* Size Weight Weight X-Section load Stress Absorption (%)

Witnessed 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 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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> 6233 Dr. M.Yousaf

To: Hussain Construction Company

DHA Phase-8, Broadway, Lahore.

Project: (Allied School) at CMH Medical and Dental College Lahore.

Our Ref. No. CL/CED/ 3525 Dated: 20-11-23 <u>Test Specification</u>

Your Ref. No. Nil Dated: Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14-11-23 Tested on: 20-11-23 in dry/wet condition





Sr. No. Mark*		Casting 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	First Floor Column (1:1.5:3)	21	9	2023	6Diax12		15	28.28	92	7287		Engraved
2	First Floor Column (1:1.5:3)	21	9	2023	6Diax12		14.4	28.28	97	7683		Engraved
3	First Floor Column	21	9	2023	6Diax12		14	28.28	75	5941		Engraved
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5					-	HINE	RING					
6						READ IN	207					
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9			-					~			-	
10						(A	IORE.					
11												
12												
13												
14												
15												
16												

Witnessed 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 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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> 6261 Dr. M.Yousaf

To: Engr. Muhammad Shaaban

Resident Engineer, H.A Consulting, Johar Town, Lahore.

Project:Construction of Central Building and Rehabilitation of 110 for Rental Spaces in NASTP, DELTA,

Lahore.

Our Ref. No. CL/CED/ 3526 Dated: 20-11-23 <u>Test Specification</u>

Your Ref. No. HAC/UET/Cap/2311/16/109 Dated: 16-11-23

COMPRESSION TEST REPORT

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

Specimens received on: 20-11-23 Tested on: 20-11-23 in dry/wet condition



(ASTM C39)



Sr. No. Mark*		Casting 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	SCIP Slab of Central Bldg.	9	11	2023	6Diax12		14	28.28	48	3802		Non Engraved
2	SCIP Slab of Central Bldg.	9	11	2023	6Diax12		14.6	28.28	59	4673		Non Engraved
3	SCIP Slab of Central Bldg.	9	11	2023	6Diax12		14	28.28	50	3960		Non Engraved
4												
5						HHE	RING					
6						READ IN	207					
7					1 1	OF THY LORD WHO CREATES	ر تجب اند کی خلق ر	E -				
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10						(A	IORE.					
11												
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14												
15					-		1					
16												

Witnessed by: Mr. Usama Ata

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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> 6261 Dr. M.Yousaf

To: Engr. Muhammad Shaaban

Resident Engineer, H.A Consulting, Johar Town, Lahore.

Project:Construction of Central Building and Rehabilitation of 110 for Rental Spaces in NASTP, DELTA,

Lahore.

Our Ref. No. CL/CED/ 3527 Dated: 20-11-23

Your Ref. No. HAC/UET/Cap/2311/16/110 Dated: 16-11-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 20-11-23 Tested on: 20-11-23 in dry/wet condition



Test Specification



Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Col Encasement of Central Bldg	10	11	2023	6Diax12		13.6	28.28	75	5941		Non Engraved
2	Col Encasement of Central Bldg	10	11	2023	6Diax12		13.8	28.28	68	5386		Non Engraved
3	Col Encasement of Central Bldg	10	11	2023	6Diax12		13.2	28.28	68	5386		Non Engraved
4												
5						BINE	RING					
6						READ IN	200					
7						OF THY	ر بجب ا الذي خلق ر	<u> </u>				
8					8 %			5				
9			-									
10			-			LA	ORL					
11												
12												
13			-									
14												
15												
16												
Witness	ed by: Mr. Usama	Δta										

Witnessed by: Mr. Usama Ata

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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> 6248 Dr. M.Yousaf

To: Sub Divisional Officer

Noshera Sub Division UCC, At Gujranwala

Project: Concrete Lining of Harpoki Disty from RD 0+000 to 74+300 & to Tail.

Our Ref. No. CL/CED/ 3528 Dated: 20-11-23 **Test Specification**

Your Ref. No. No.240 Dated: 20-10-23

COMPRESSION TEST REPORT

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

Specimens received on: 15-11-23 Tested on: 20-11-23 in dry/wet condition



(BS 1881-116)



Sr. No.	Mark*	Casting 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	0+000 to 1+000 (1:2:4)	29	9	2023	6x6x6		8.6	36	60	3733		Non Engraved
2	1+000 to 2+000 (1:2:4)	5	10	2023	6x6x6		8.8	36	58	3609		Non Engraved
3	02+000 to 3+000 (1:2:4)	9	10	2023	6x6x6		8.6	36	68	4231		Non Engraved
4												
5						WEINE	RING					
6						READ IN	207					
7					1	OF THY CREATES	ر تاب ان کی خلق ر					
8								₹,				
9						10						
10						LA	IORE.					
11					-							
12							-					
13												
14												
15							-					
16							-					
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
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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.