

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.

> 6459 Dr. M.Yousaf

To: Mr. Muhammad Tufail

Construction Team Leader, Lahore Office, Zor Engineers (Pvt) Ltd

Project: Alpha Church of Pakistan. Construction of Church & School, Sangla Hill. (School Building 1st Floor

Slab)

Our Ref. No. CL/CED/ 3843 Dated: 01-01-24 <u>Test Specification</u>

Your Ref. No. 230.43.1/MT/2 Dated: 28-12-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 29-12-23 Tested on: 01-01-24 in dry/wet condition





Sr. No.	Sr. No. Mark*		ting	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	(1:2:4)	6	12	2023	6x6x6		8	36	47	2924		Engraved
2	(1:2:4)	6	12	2023	6x6x6		8.2	36	46	2862		Engraved
3	(1:2:4)	6	12	2023	6x6x6		8.4	36	57	3547		Engraved
4						/						
5					(THE	RING					
6)	KEAU N	200	X				
7					- 7	OF THY	ان کی خلق ر ان کی خلق ر	<u> </u>				
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11												
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14												
15										-		
16												
Witness	sed 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)
- 2. The test results are recommended to be interpreted in the light of above factors by the engineer.



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> 6455 Dr. M.Yousaf

To: Sub Divisional Officer

Your Ref. No.

Building Sub Division No.1, Lahore

Project: Capacity Building of Occupational Safety and Health Regime to Promote Safer Working Condition at

Work Place (Phase II-09 Division)

1044/I

Our Ref. No. CL/CED/ 3844

Dated: 01-01-24

Test Specification

Dated: 22-11-23

(BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 28-12-23 Tested on: 01-01-24 in dry/wet condition





Sr. No.	r. 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	RCC Strip Footing (1:2:4)	18	11	2023	6x6x6		8.4	36	42	2613		Engraved
2	RCC Strip Footing (1:2:4)	18	11	2023	6x6x6		8.2	36	80	4978		Engraved
3												
4										I	1	
5						HINE	RING				-	
6						READ IN	207	X				
7					3	OF THY RORD WHO OREATES	ر تیب ان کی خلق ر	E				
8					887					I	I	
9											-	
10						LA	IORE.				-	
11										-	-	
12												
13												
14												
15					-		1			I	-	
16							-			-	-	

Witnessed by: Nil

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> 6455 Dr. M.Yousaf

To: **Sub Divisional Officer**

Building Sub Division No.1, Lahore

Project: Capacity Building of Occupational Safety and Health Regime to Promote Safer Working Condition at

Work Place (Phase II-09 Division)

Our Ref. No. CL/CED/ 3845 Dated: 01-01-24

Your Ref. No. 1042/1 Dated: 22-11-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 28-12-23 Tested on: 01-01-24 in dry/wet condition



Test Specification



Sr. No.	Mark*	Cas	ting	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	RCC Strip Footing (1:2:4)	21	11	2023	6x6x6		9	36	56	3484		Engraved
2	RCC Strip Footing (1:2:4)	21	11	2023	6x6x6		9	36	49	3049		Engraved
3												
4				-								
5				-		THE	RING					
6					}	READ IN	207			-		
7					1	OF THY	ر تیب اند کی خلق ر	<u></u>		I		
8					887			5		I		
9										I		
10				-		(A	IORE.					
11										-		
12										-		
13												
14												
15							-					
16							-					
Witness	ed by: Nil											

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> 6465 Dr. M.Yousaf

To: Mr. Usman Tahir

Resident Engineer, Velosi Integrity and Safety Pakistan (Pvt) Ltd

Project: Detailed Design and Resident Supervision of Regional Campuses of Allama Iqbal Open University,

Sargodha

Our Ref. No. CL/CED/ 3846 Dated: 01-01-24 <u>Test Specification</u>

Your Ref. No. VISP/RC/SRG-026 Dated: 28-12-23 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 29-12-24 Tested on: 01-01-24 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
	EE Clob Main		MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	FF Slab Main Building (1:1.5:3)	16	12	2023	6x6x6		8.6	36	125	7778		Engraved
2	FF Slab Main Building (1:1.5:3)	16	12	2023	6x6x6		8	36	127	7902		Engraved
3	FF Slab Main Building (1:1.5:3)	16	12	2023	6x6x6		9	36	125	7778		Engraved
4												
5						HHE	RING					
6						READ IN	200	X				
7					1	OF THY CORD WHO CREATES	ر تیم الد کی خلق ر			-		
8								5 —				
9				-		-						
10						LA	ORL.					
11					-					I		
12										I		
13										I		
14												
15										-		
16										-		
Witness	ed by: Nil				•							

witnessea by: Nii

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> 6395 Dr. M.Yousaf

To: Mr. Muhammad Shafiq

Resident Engineer, Construction and Management Division, NESPAK (Pvt.) Ltd.

Project:Construction of Fatima Jinnah Institute of Dental Sciences, Lahore. Balance Works of Construction

Teaching College / Academic Block Boys and Girls Hostel & Miscellaneous Work (Group No.02)

Our Ref. No. CL/CED/ 3847 Dated: 01-01-24

Your Ref. No. 3016/13/MS/04/141 Dated: 09-12-23

COMPRESSION TEST REPORT

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

Specimens received on: 18-12-23 Tested on: 01-01-24 in dry/wet condition



Test Specification

(BS 1881-116)



Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
			MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Meter Paneling Room	11	11	2023	6x6x6		8.2	36	90	5600		Non Engraved
2	Meter Paneling Room	11	11	2023	6x6x6		8.2	36	99	6160		Non Engraved
3	Meter Paneling Room	11	11	2023	6x6x6		8	36	78	4853		Non Engraved
4												
5						THE	RING					
6						READ IN	2071					
7					1	OF THY LORD WHO CREATES	ر تاب اند کی خلق ر				1	
8					887			3				
9												
10						LA	IORE.					
11												
12												
13												
14												
15							1					
16							-				-	

Witnessed by: Nil

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> 6457 Dr. M.Yousaf

To: S & S Associates, Engineers & Builders

Johar Town, Lahore.

Project: Existing Mill Building (Spinning Unit) Width and Depth Extend of Existing RA Duct and Planum Area

at Grid 22-26/B-G in Existing Building of Sapphire Textile Mills Ltd. (Unit-V) at Feroze Wattwan

Our Ref. No. CL/CED/ 3848 Dated: 01-01-24

Your Ref. No. SS (R-A # 23)/015 Dated: 29-12-23

COMPRESSION TEST REPORT

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

Specimens received on: 29-12-23 Tested on: 01-01-24 in dry/wet condition



Test Specification

(BS 1881-116)



Sr. No.			ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Absorpti	Remarks
			MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RA Duct 22 Part-04, C-20 (1:2:4)	2	12	2023	6x6x6		8.2	36	46	2862		Non Engraved
2	RA Duct 22 Part-04, C-20 (1:2:4)	2	12	2023	6x6x6		8.2	36	49	3049		Non Engraved
3												
4												
5		-				HEINE	RING					
6		-			}	READ IN	207				-	
7					-	OF THY	ر بجب اند فی طاق ر	<u> </u>				
8		-			887							
9								~				
10						(A	IORE.					
11												
12		-					-					
13												
14												
15												
16							1					

Witnessed by: Nil

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> 6463 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/ 3849 Dated: 01-01-24 **Test Specification** (BS 1881-116)

Your Ref. No. 250/1-W Dated: 23-11-23

COMPRESSION TEST REPORT

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

Specimens received on: 29-12-23 Tested on: 01-01-24 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	RD (3+000 to 4+000), (1:2:4)	9	11	2023	6x6x6		8	36	77	4791		Non Engraved
2	RD (3+000 to 4+000), (1:2:4)	9	11	2023	6x6x6		8.2	36	71	4418		Non Engraved
3	RD (4+000 to 5+000), (1:2:4)	13	11	2023	6x6x6		7.4	36	48	2987		Non Engraved
4	RD (4+000 to 5+000), (1:2:4)	13	11	2023	6x6x6	/	7.6	36	67	4169		Non Engraved
5	RD (5+000 to 6+000), (1:2:4)	21	11	2023	6x6x6	THE	R/7.4	36	52	3236		Non Engraved
6	RD (5+000 to 6+000), (1:2:4)	21	11	2023	6x6x6	READ IN	7.6	36	71	4418		Non Engraved
7	RD (6+000 to 7+000), (1:2:4)	25	11	2023	6x6x6	OF THY	المجال	36	92	5724		Non Engraved
8	RD (6+000 to 7+000), (1:2:4)	25	11	2023	6x6x6		8.4	36	90	5600		Non Engraved
9	RD (7+000 to 8+000), (1:2:4)	29	11	2023	6x6x6		8.6	36	60	3733		Non Engraved
10	RD (7+000 to 8+000), (1:2:4)	29	11	2023	6x6x6	LA	7.8	36	63	3920		Non Engraved
11												
12												
13					-		-			I		
14										I		
15										-		
16										-		
Witness	ed by: Nil											

witnessea by: Nii

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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. **** ACl318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

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6461 Dr. M. Yousaf

To: Mr. Zeeshan Sadique

Equal Marketing Pvt. Ltd.

Project: Construction of a Plaza at Plot No. CA-35, 36 & 37, Down Town, Fazaia Housing Society, Lahore.

Our Ref. No. CL/CED/ 3850 Dated: 01-01-24

Your Ref. No. Nil Dated: 29-12-23 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 29-12-23 Tested on: 01-01-24 in dry/wet condition



Test Specification



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	Raft Foundation (1:2:4)	27	11	2023	6Diax12		13	28.28	47	3723		Non Engraved
2	Raft Foundation (1:2:4)	27	11	2023	6Diax12		14	28.28	44	3485		Non Engraved
3	Raft Foundation (1:2:4)	27	11	2023	6Diax12		14	28.28	48	3802		Non Engraved
4	RCC (Wall), (1:2:4)	13	12	2023	6Diax12		14	28.28	77	6099		Non Engraved
5	RCC (Wall), (1:2:4)	13	12	2023	6Diax12	THE	RI/14	28.28	80	6337		Non Engraved
6	RCC (Wall), (1:2:4)	13	12	2023	6Diax12	READ IN	14	28.28	77	6099		Non Engraved
7					17	OF THY LORD WHO CREATES	ر بجب ان فی خلق ر	E2		-		
8								3				
9												
10						LA	IORE.					
11												
12												
13												
14												
15											-	
16							-				-	
Witness	ad hv: Nil					•						

Witnessed by: Nil

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