

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.

3671 Dr. Umbreen

To: Mr. Muhammad Tahir Yaseen

C.E.O. Elco Enterprises, Innovation in Interior & Exterior

Project: Construction of ABL, G.T. Road Branch, Allahabad

Our Ref. No. CL/CED/ 9586 Dated: 17/8/2022 <u>Test Specification</u>

Your Ref. No. ABL/Cylinder Testing/Ist F. Slab/ Allahabad/2022 Dated: 03/08/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 03/08/2022 Tested on: 15/8/2022 in dry/wet condition



Sr. No.	Mark*			Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (/6)	
1	3000 Psi	6	7	2022	6Diax12		12.4	28.28	65	5149		Non Engraved
2	3000 Psi	6	7	2022	6Diax12		13	28.28	83	6574		Non Engraved
3	3000 Psi	6	7	2022	6Diax12		12.8	28.28	65	5149		Non Engraved
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16												

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

- 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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3690 Dr. Umbreen

Test Specification

To: Brig. (R) Saeed Ahmed Malik, SI (M)

Our Ref. No. CL/CED/ 9587

Resident Engineer, NESPAK (Pvt) Ltd.

Project: Rehabilitation of Market and Maintenance of Gol Ground Tripple Road Shalimar Road Lahore.

Your Ref. No. 4048/103/BSAM/104/658 Dated: 02/06/2022 (ASTM C39)

Dated:

17/8/2022

COMPRESSION TEST REPORT

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

Specimens received on: 10/08/2022 Tested on: 15/8/2022 in dry/wet condition



Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	water	Remarks
	DD	ММ	YYYY	(in)	(Kg/ gms)				(psi)	on (%)	
	5	5	2022	6Diax12		12	28.28	29	2297		Non Engraved
	5	5	2022	6Diax12		12.2	28.28	31	2455		Non Engraved
	5	5	2022	6Diax12		12	28.28	21	1663		Non Engraved
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		Mark* DD 5 5 5	Mark* DD MM 5 5 5 5 5 5	DD MM YYYY 5 5 2022 5 5 2022 5 5 2022	Mark* DD MM YYYY (in) 5 5 2022 6Diax12 5 5 2022 6Diax12 5 5 2022 6Diax12	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight	Mark* Casting Date* Size Weight Weight X-Section 5 5 2022 6Diax12 12 28.28 5 5 2022 6Diax12 12.2 28.28 5 5 2022 6Diax12 12 28.28	Mark* Casting Date* Size Weight Weight X-Section load (Imp.Tons)	Mark* Casting Date* Size Weight Weight XSection load Stress (kg/gms) (kg/gms)	Mark*

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

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> 3683 Dr. Umbreen

To: Mr. Nouman Rafique

Chief Technical Officer, Sabcon Associates (PVT) LTD

Project: Construction of Commercial Building at 388-A Gurumangat Road, Lahore

Our Ref. No. CL/CED/ 9588 Dated: 17/8/2022 <u>Test Specification</u>

Your Ref. No. SABCON/2022/CTO/18 Dated: 04/08/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 05/08/2022 Tested on: 15/8/2022 in dry/wet condition



Sr. No.	Mark*	Cas	sting	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	(S.F Slab)	1	7	2022	6Diax12		12.8	28.28	53	4198		Non Engraved
2	(S.F Slab)	1	7	2022	6Diax12		12.8	28.28	41	3248		Non Engraved
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Witnessed by:

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- 3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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3678 Dr. Umbreen

To: Mr. Waqas Ali

Variant, 25-t gulberg 2, Lahore

Project: Nil

 Our Ref. No. CL/CED/
 9589
 Dated:
 17/8/2022
 Test Specification

 Your Ref. No.
 VA/29/30
 Dated:
 04/08/2022
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/08/2022 Tested on: 15/8/2022 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	Basement Joint Wall (Grid E-F)	2	7	2022	6Diax12		14	28.28	71	5624		Non Engraved
2	Basement Joint Wall (Grid E-F)	2	7	2022	6Diax12		13.4	28.28	69	5465		Non Engraved
3	Basement Joint Wall (Grid E-F)	2	7	2022	6Diax12		13.4	28.28	73	5782		Non Engraved
4												
5						CINE	RINO					
6						C BELLEVIA						
7						THE NAME OF THY LIGHT WHO				-		
8					55	CAEATES	1000	-				
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10						-/A	INRT.					
11												
12												
13												
14										-		
15												
16												

Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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

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3678 Dr. Umbreen

To: Mr. Waqas Ali

Variant, 25-t gulberg 2, Lahore

Project: Nil

Our Ref. No. CL/CED/ 9590 17/8/2022 Dated: **Test Specification** Your Ref. No. VA/29/29 Dated: 04/08/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/08/2022 Tested on: 15/8/2022 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	Rt. Wall Raft Pour-9 (D-E. 1)	29	6	2022	6Diax12		14	28.28	73	5782		Non Engraved
	Rt. Wall Raft Pour-9 (D-E. 1)	29	6	2022	6Diax12		14	28.28	63	4990		Non Engraved
3	Rt. Wall Raft Pour-9 (D-E. 1)	29	6	2022	6Diax12		13	28.28	73	5782		Non Engraved
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5		ŀ				CIVE	RING					
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8		1			es	CARATES	37					
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12												
13												
14		I										
15		I										
16												

Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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3678 Dr. Umbreen

To: Mr. Waqas Ali

Variant, 25-t gulberg 2, Lahore

Project: Nil

 Our Ref. No. CL/CED/
 9591
 Dated:
 17/8/2022
 Test Specification

 Your Ref. No.
 VA/29/28
 Dated:
 04/08/2022
 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 04/08/2022 Tested on: 15/8/2022 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	Col. (CL-7,CL-8,CL- 9.CL-10) B,2	28	6	2022	6Diax12		14	28.28	83	6574		Non Engraved
2	Col. (CL-7,CL-8,CL- 9.CL-10) B,2	28	6	2022	6Diax12		14	28.28	71	5624		Non Engraved
3	Col. (CL-7,CL-8,CL- 9.CL-10) B.2	28	6	2022	6Diax12		14	28.28	69	5465		Non Engraved
4												
5						CONE	RING					
6						E BEAD AL						
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13												
14												
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16												
Witness	end by: Mr M Khu	rram	CN	IC # 25	201 2459690	0						

Witnessed by: Mr. M. Khurram, CNIC # 35201-2458690-9

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> 3700 Dr. Mazhar

To: Major Bilal Khan Yousafzai

For Director General Pakistan Rangers (Punjab)

Project: Construction of RCC Shade at Headquarters Pakistan Rangers (Punjab)

Our Ref. No. CL/CED/ 9592 17/8/2022 Dated: **Test Specification** Your Ref. No. 2231/Works/1182 Dated: 16/7/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/08/2022 Tested on: 17/8/2022 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	Lintel Beams/ RCC Shade	19	7	2022	6Diax12		14	28.28	39	3089		Engraved
2	Lintel Beams/ RCC Shade	19	7	2022	6Diax12		14	28.28	39	3089		Engraved
3	Lintel Beams/ RCC Shade	19	7	2022	6Diax12		14	28.28	40	3168		Engraved
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5						CIVE	RINO					
6						Tarania						
7						THE NAME OF THY LIGHT WHILE		FE				
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12												
13												
14			-									
15												
16												

Witnessed by:

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

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> 3710 Dr. Mazhar

Test Specification

To: Engr. Abdul Karim

Our Ref. No. CL/CED/ 9593

Resident Engineer, Allied Engineering Consultants (Pvt) Ltd

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No. 1)

Your Ref. No. 12/08/2022 AEC/MBC/2022/213 Dated: (BS 1881-116)

Dated:

17/8/2022

COMPRESSION TEST REPORT

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

Specimens received on: 15/8/2022 Tested on: 17/8/2022 in dry/wet condition



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 (%)	
	6	7	2022	6x6x6		8	36	65	4044		Non Engraved
Boundary Wall	6	7	2022	6x6x6		8	36	69	4293		Non Engraved
Boundary Wall	6	7	2022	6x6x6		8	36	67	4169		Non Engraved
					CINE	RING					
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				53	CHEATES	10002	=				
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	Boundary Wall Piling (1:2:4) Boundary Wall Piling (1:2:4) Boundary Wall Piling (1:2:4)	Mark* DD	Mark* DD MM	DD MM YYYY	Mark* DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark*	Mark* Casting Date* Size Weight Weight Weight X-Section load (Imp.Tons)	Mark* Casting Date* Size Weight Weight X-Section load Stress	Mark* Casting Date* Size Weight Weight Weight Weight Weight Weight Stress Absorption (%)

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

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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
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> 3710 Dr. Mazhar

Test Specification

To: Engr. Abdul Karim

Our Ref. No. CL/CED/ 9594

Resident Engineer, Allied Engineering Consultants (Pvt) Ltd

Project: Establishment of Mother & Child Block in Sir Ganga Ram Hospital Lahore (Group No. 1)

Your Ref. No. 02/08/2022 AEC/MBC/2022/212 Dated: (BS 1881-116)

Dated:

17/8/2022

COMPRESSION TEST REPORT

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

Specimens received on: 15/8/2022 Tested on: 17/8/2022 in dry/wet condition



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 (%)	
	24	6	2022	6x6x6		8.4	36	55	3422		Non Engraved
Boundary Wall	24	6	2022	6x6x6		8.2	36	63	3920		Non Engraved
Boundary Wall	24	6	2022	6x6x6		8.6	36	51	3173		Non Engraved
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	Boundary Wall Piling (1:2:4) Boundary Wall Piling (1:2:4) Boundary Wall Piling (1:2:4)	Mark* DD	Mark* DD MM Boundary Wall Piling (1:2:4) 24 6 Boundary Wall Piling (1:2:4) 24 6 Boundary Wall Piling (1:2:4) 24 6	DD MM YYYY	Mark* DD MM YYYY (in)	Mark* DD MM YYYY (in) (Kg/gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* Casting Date* Size Weight Weight X-Section Boundary Wall Piling (1:2:4) 24 6 2022 6x6x6 8.4 36 Boundary Wall Piling (1:2:4) 24 6 2022 6x6x6 8.2 36 Boundary Wall Piling (1:2:4) 24 6 2022 6x6x6 8.6 36 <	Mark* Casting Date* Size Weight Weight X-Section load	Mark* Casting Date* Size Weight Weight X-Section load Stress	Mark* Casting Date* Size Weight Weight Weight Weight Weight Stress Absorption (%)

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

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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
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> 3703 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 22, Lahore

Project: Construction of Population Welfare House Punjab at Lahore

Our Ref. No. CL/CED/ 9595 17/8/2022 Dated: **Test Specification** Your Ref. No. No. 134 Dated: 30/7/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2022 Tested on: 17/8/2022 in dry/wet condition



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 (%)	
R.C.C. (1:2:4) Plinth Beam	2	7	2022	6x6x6		8.2	36	67	4169		Non Engraved
R.C.C. (1:2:4) Plinth Beam	2	7	2022	6x6x6		8.2	36	59	3671		Non Engraved
R.C.C. (1:2:4) Plinth Beam	2	7	2022	6x6x6		8	36	63	3920		Non Engraved
					CINE	RING					
					T BEAD W						
					THE NAME OF THY LIGHT WHILE						
				58	CREATES	10000					
					5 <u>-</u>		7				
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	R.C.C. (1:2:4) Plinth Beam R.C.C. (1:2:4) Plinth Beam R.C.C. (1:2:4) Plinth Beam	Mark* DD R.C.C. (1:2:4) Plinth Beam R.C.C. (1:2:4) Plinth Beam R.C.C. (1:2:4) Plinth Beam	Mark* DD MM R.C.C. (1:2:4) Plinth Beam R.C.C. (1:2:4) Plinth Beam R.C.C. (1:2:4) Plinth Beam	R.C.C. (1:2:4) Plinth Beam R.C.C. (1:2:4) Plinth	Mark* DD MM YYYY (in)	Mark* DD MM YYYY	Nark* DD MM YYYY	Mark* Casting Date* Size Weight Weight X-Section R.C.C. (1:2:4) 2 7 2022 6x6x6 8.2 36 Plinth Beam 2 7 2022 6x6x6 8.2 36 R.C.C. (1:2:4) 2 7 2022 6x6x6 8 36 Plinth Beam 2 7 2022 6x6x6 8 36 <	Mark* Casting Date* Size Weight Weight Weight Weight Weight Weight X-Section load (Imp.Tons)	Mark* Casting Date* Size Weight Weight X-Section load Stress (Kg/gms) (Kg/gms)	Mark* Casting Date* Size Weight Weight Weight Weight Weight Weight X-Section load Stress Absorption (%)

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.



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.

> 3703 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 05, Lahore

Project: Extansion-Expansion of Inspectorate of Prisons Punjab, Lahore Group No.1

Our Ref. No. CL/CED/ 9596 17/8/2022 Dated: **Test Specification** Your Ref. No. 1657/5th Dated: 05/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2022 Tested on: 17/8/2022 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	Second Floor Col. & Lift (1:1-1/2:3)	2	6	2022	6x6x6		8.4	36	41	2551		Non Engraved
2	Second Floor Col. & Lift (1:1-1/2:3)	2	6	2022	6x6x6		8.2	36	63	3920		Non Engraved
3	Second Floor Col. & Lift (1:1-1/2:3)	2	6	2022	6x6x6		8.2	36	67	4169		Non Engraved
4												
5						CINE	RING					
6						Tagana.						
7						THE NAME OF THY LIGHT WHILE	3. <u></u> `					
8					58	CREATES	10000					
9						%		7				
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11					-							
12												
13												
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16										-		
Witness	sed 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 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.



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.

> 3703 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 12, Lahore

Project: Construction of Main Building Govt. Technical Training Institute for Women, Sabzazar Lahore

Our Ref. No. CL/CED/ 9597 17/8/2022 Dated: **Test Specification** Your Ref. No. No. 353 Dated: 11/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2022 Tested on: 17/8/2022 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	GF (Col. +Beams) (1:1/2:3)	8	7	2022	6x6x6		8.4	36	92	5724		Non Engraved
2	GF (Col. +Beams) (1:1/2:3)	8	7	2022	6x6x6		8.8	36	41	2551		Non Engraved
3	GF (Col. +Beams) (1:1/2:3)	8	7	2022	6x6x6		8.4	36	108	6720		Non Engraved
4												
5						GINE	RING					
6						T amanual						
7						THE NAME OF THY LIGHT WHE						
8					es	CREATES	33					
9						5		7				
10					(-/A	INRE .					
11												
12												
13												
14												
15												
16										-		
Witness	sed 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 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.



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.

> 3680 Dr. Mazhar

To: Mr. Ayyaz Mahmood (Client), Engr. Arif and Engr. Babar (Client Engr)

Engr. Mubasher Cheema (Project Incharge), for Ittefaq Construction Services

Project: Construction of Feed Mill Tower and Ware House at Okara

Our Ref. No. CL/CED/ 9598 17/8/2022 Dated: **Test Specification**

Your Ref. No. ICS/A.F.M-/H.O -01 Dated: 04/08/2022 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 4/8/2022 Tested on: 17/8/2022 in dry/wet condition



Sr. No. Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
	DD MM YYYY		YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
	29	6	2022	6Diax12		13	28.28	79	6257		Non Engraved
	29	6	2022	6Diax12		13	28.28	57	4515		Non Engraved
	29	6	2022	6Diax12		13	28.28	83	6574		Non Engraved
	30	6	2022	6Diax12		13	28.28	67	5307		Non Engraved
	1	7	2022	6Diax12	GINE	13.6	28.28	79	6257		Non Engraved
	1	7	2022	6Diax12	The annual	13	28.28	41	3248		Non Engraved
	2	7	2022	6Diax12	THE NIGHE OF THY LIGHT WHO	13	28.28	83	6574		Non Engraved
	2	7	2022	6Diax12	CHEATES	13	28.28	67	5307		Non Engraved
	2	7	2022	6Diax12	%	12.4	28.28	57	4515		Non Engraved
	2	7	2022	6Diax12	· LA	13	28.28	53	4198		Non Engraved
	2	7	2022	6Diax12		13	28.28	79	6257		Non Engraved
	5	7	2022	6Diax12		13	28.28	83	6574		Non Engraved
									-		
									-		
		Mark* DD 29 29 30 1 1 1 2 2 2 2 5	Mark* DD MM 29 6 29 6 29 6 1 7 1 7 1 7 2 7 2 7 2 7 2 7 2 7	Mark* DD MM YYYY 29 6 2022 29 6 2022 30 6 2022 1 7 2022 1 7 2022 2 7 2022 2 7 2022 2 7 2022 2 7 2022 2 7 2022 5 7 2022 5 7 2022 5 7 2022	Mark* DD MM YYYY (in) 29 6 2022 6Diax12 29 6 2022 6Diax12 30 6 2022 6Diax12 1 7 2022 6Diax12 1 7 2022 6Diax12 1 7 2022 6Diax12 2 7 2022 6Diax12	Mark* Casting Date* Size Weight	Mark* Casting Date* Size Weight Weight DD MM YYYY (in) (Kg/ gms) (Kg/ gms) 29 6 2022 6Diax12 13 29 6 2022 6Diax12 13 29 6 2022 6Diax12 13 1 7 2022 6Diax12 13 1 7 2022 6Diax12 13 2 7 2022 6Diax12 13 5 7 2022 6Diax12	Mark* Casting Date* DD MM YYYY Size (in) Weight (Kg/ gms) Weight (Kg/ gms) X-Section (Sq. in) 29 6 2022 6Diax12 13 28.28 29 6 2022 6Diax12 13 28.28 29 6 2022 6Diax12 13 28.28 30 6 2022 6Diax12 13 28.28 1 7 2022 6Diax12 13 28.28 1 7 2022 6Diax12 13 28.28 2 7 2022 6Diax12 <	Mark* Casting Date* Size Weight (Kg/ gms) X-Section (Sq. in) Load (Imp.Tons) 29 6 2022 6Diax12 13 28.28 79 29 6 2022 6Diax12 13 28.28 57 29 6 2022 6Diax12 13 28.28 83 30 6 2022 6Diax12 13 28.28 67 1 7 2022 6Diax12 13.6 28.28 79 1 7 2022 6Diax12 13 28.28 41 2 7 2022 6Diax12 13 28.28 67 2 7 2022 6Diax12 13 28.28 67 2 7 2022 6Diax12 13 28.28 <t< td=""><td>Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) 29 6 2022 6Diax12 13 28.28 79 6257 29 6 2022 6Diax12 13 28.28 57 4515 29 6 2022 6Diax12 13 28.28 83 6574 30 6 2022 6Diax12 13 28.28 67 5307 1 7 2022 6Diax12 13.6 28.28 79 6257 1 7 2022 6Diax12 13 28.28 41 3248 2 7 2022 6Diax12 13 28.28 67 5307 2 7 2022 6Diax12 13 28.28</td><td>Mark* Casting Date* Size Weight Weight Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Value of (psi) on (%) 29 6 2022 6Diax12 13 28.28 79 6257 29 6 2022 6Diax12 13 28.28 57 4515 29 6 2022 6Diax12 13 28.28 83 6574 30 6 2022 6Diax12 13 28.28 67 5307 1 7 2022 6Diax12 13 28.28 79 6257 1 7 2022 6Diax12 13 28.28 41 3248 2 7 2022 6Diax12 13 28.28 67 5307 2</td></t<>	Mark* Casting Date* Size Weight (Kg/gms) Weight (Kg/gms) X-Section (Sq. in) load (Imp.Tons) Stress (psi) 29 6 2022 6Diax12 13 28.28 79 6257 29 6 2022 6Diax12 13 28.28 57 4515 29 6 2022 6Diax12 13 28.28 83 6574 30 6 2022 6Diax12 13 28.28 67 5307 1 7 2022 6Diax12 13.6 28.28 79 6257 1 7 2022 6Diax12 13 28.28 41 3248 2 7 2022 6Diax12 13 28.28 67 5307 2 7 2022 6Diax12 13 28.28	Mark* Casting Date* Size Weight Weight Weight (Kg/gms) X-Section (Sq. in) (Imp.Tons) Value of (psi) on (%) 29 6 2022 6Diax12 13 28.28 79 6257 29 6 2022 6Diax12 13 28.28 57 4515 29 6 2022 6Diax12 13 28.28 83 6574 30 6 2022 6Diax12 13 28.28 67 5307 1 7 2022 6Diax12 13 28.28 79 6257 1 7 2022 6Diax12 13 28.28 41 3248 2 7 2022 6Diax12 13 28.28 67 5307 2

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

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

> 3703 Dr. Mazhar

To: **Sub Divisional Officer**

Buildings Sub Division No. 12, Lahore

Project: Construction of Main Building Govt. Technical Training Institute for Women, Sabzazar Lahore

Our Ref. No. CL/CED/ 9599 17/8/2022 Dated: **Test Specification** Your Ref. No. No. 356 Dated: 11/08/2022 (BS 1881-116)

COMPRESSION TEST REPORT

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

Specimens received on: 12/8/2022 Tested on: 17/8/2022 in dry/wet condition



Sr. No. Mark*			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 (%)	
1/2:3)	8	7	2022	6x6x6		8	36	61	3796		Non Engraved
GF (Col. + Lift) (1- 1/2:3)	8	7	2022	6x6x6		8.2	36	61	3796		Non Engraved
GF (Col. + Lift) (1- 1/2:3)	8	7	2022	6x6x6		8.2	36	59	3671		Non Engraved
					CINE	RING					
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				6	DHE NAME OF THY CORD WHO	N	4				
	1			<u>-</u>	CHEATES	3 1					
											
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	GF (Col. + Lift) (1- 1/2:3) GF (Col. + Lift) (1- 1/2:3) GF (Col. + Lift) (1- 1/2:3)	Mark* DD GF (Col. + Lift) (1- 1/2:3) GF (Col. + Lift) (1- 1/2:3) GF (Col. + Lift) (1- 1/2:3)	Mark* DD MM GF (Col. + Lift) (1- 8 7 1/2:3) GF (Col. + Lift) (1- 8 7 1/2:3) GF (Col. + Lift) (1- 8 7 1/2:3)	Mark* DD MM YYYY GF (Col. + Lift) (1-	Mark* DD MM YYYY (in) GF (Col. + Lift) (1- 8 7 2022 6x6x6 1/2:3) GF (Col. + Lift) (1- 8 7 2022 6x6x6 1/2:3) GF (Col. + Lift) (1- 8 7 2022 6x6x6 1/2:3)	Mark* DD MM YYYY (in) (Kg/gms) GF (Col. + Lift) (1-8 7 2022 6x6x6 1/2:3) GF (Col. + Lift) (1-8 7 2022 6x6x6 1/2:3) GF (Col. + Lift) (1-8 7 2022 6x6x6	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms)	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) GF (Col. + Lift) (1- 1/2:3) GF (Col. + Lift) (1-	Mark* DD MM YYYY (in) (Kg/ gms) (Kg/ gms) (Sq. in) (Imp.Tons) GF (Col. + Lift) (1-	Mark* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) GF (Col. + Lift) (1- 1/2:3) GF (C	Mark* DD MM YYYY (in) (Kg/gms) (Kg/gms) (Sq. in) (Imp.Tons) (psi) on (%)

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

- 1. * as engraved on the specimens (if any)
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