

Mr. Zafar Iqbal, Project Manager To: For United Life Styles (Private) Limited.

Project: Constructing a High Rise Building Sky Scrapers by United Lifestyle E-10 FTC MA Johar Town Lahore.

Our Ref. No. CL/	(CED/ 2616	Dated:	15/08/2023	Test Specification
Your Ref. No.	ULS/2021-22-23/041	Dated:	11/08/2023	(ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 11/08/2023 Tested on: 15/08/2023 in dry/wet condition						jester						
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	(3000 Psi)	15	7	2023	6Diax12		14	28.28	81	6416		Non Engraved
2	(3000 Psi)	15	7	2023	6Diax12		13.2	28.28	37	2931		Non Engraved
3	(3000 Psi)	15	7	2023	6Diax12		14	28.28	39	3089		Non Engraved
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Witness	ed 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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and and a	Plain and Reinforced Concr	Plain and Reinforced Concrete Laboratory									
	Civil Engineering Departr	nent		the report has been retained in							
	University of Engineering and Technology, La	nore. Pakistan		the lab for record.							
	Landline: 042-99029245 & 042-99029202 Mo	bile: 0307-04968	95								
	AHOR			5684 Dr. Aqsa							
Го:	Mr. Waqas Ali										
	Variant, 25-t Gulberg 2, Lahore										
	Project: Nil										
	Our Ref. No. CL/CED/ 2617	Dated:	15/08/2023	Test Specification							

24/07/2023

COMPRESSION TEST REPORT

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

VA/29/91

Specimens received on:			08/08/2023 Tested on:		15/08	3/2023	in dry/wet condition			r 0		
Sr. No.	Mark*	Cas DD	Casting Date* DD MM 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	2nd Floor Column	14	6	2023	6Diax12		14	28.28	73	5782		Non Engraved
2	2nd Floor Column	14	6	2023	6Diax12		14	28.28	79	6257		Non Engraved
3	2nd Floor Column	14	6	2023	6Diax12		14	28.28	77	6099		Non Engraved
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Witness	Witnessed by: Mr. M. Khurram											

Vitnessed by: Wir. W. Knurram

Your Ref. No.

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

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

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Director/Dy. Director Concrete Laboratory

Test Specification

(ASTM C39)

S LUE	Plain and Reinforced Concrete Laboratory	ORIGINAL
	Civil Engineering Department	the report has been retained in
	 University of Engineering and Technology, Lanore. Pakistan 	the lab for record.
	Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895	
	AHORE	5684 Dr. Aqsa
Го:	Mr. Waqas Ali Variant, 25-t Gulberg 2, Lahore.	

Dated:

15/08/2023

24/07/2023

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

Our Ref. No. CL/CED/ 2618

VA/29/92

Your Ref. No.

Specimens received on: 0			08/08/2023 Tested on:		15/08	3/2023	in dry/wet condition			Ē		
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	2nd Floor Lift Wall	17	6	2023	6Diax12		14.4	28.28	85	6733		Non Engraved
2	2nd Floor Lift Wall	17	6	2023	6Diax12		14	28.28	84	6653		Non Engraved
3	2nd Floor Lift Wall	17	6	2023	6Diax12		14	28.28	74	5861		Non Engraved
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Witness	Witnessed by: Mr. M. Khurram											

Witnessed by: Mr. M. Khurram

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a state		Plain a	oratory	ORIGINAL A carbon copy for		
		C	Civil Engine <mark>ering D</mark>	epartment		the report has been retained in
	ANDW	Universit	y of Engineering and Techn	ology, Lahore. Pakistan		the lab for record.
	L	andline: 042.	-99029245 & 042-99029202	Mobile: 0307-0496	895	
				ZAHORE .		5684 Dr. Aqsa
Го:	Mr. Waqas	Ali				
	Variant, 25	-t Gulberg 2,	, Lahore			
	Project: Ni	I				
	Our Ref. N	o. CL/CED/	2619	Dated:	15/08/2023	Test Specification

03/08/2023

(ASTM C39)

COMPRESSION TEST REPORT

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

VA/29/94

Specimens received on:		08/08/2023		2023	Tested on:	15/08	3/2023	in dry/wet condition					
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	2nd Floor Column	22	6	2023	6Diax12		14.8	28.28	73	5782		Non Engraved	
2	2nd Floor Column	22	6	2023	6Diax12		14	28.28	59	4673		Non Engraved	
3	2nd Floor Column	22	6	2023	6Diax12		14	28.28	63	4990		Non Engraved	
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Witness	Witnessed by: Mr. M. Khurram												

Witnessed by: Mr. M. Khurram

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		C	ivil Engineering	Department			the report has been retained in
	CARUM	Universit	y of Engineering and Tech	nnology, Lahore. I	Pakistan		the lab for record.
	Lan	dline: 042	-99029245 & 042-99029202	Mobile: 03	307-0496895		
				AHORE			5684 Dr. Aqsa
Го:	Mr. Waqas A	li					
	Variant, 25-t	Gulberg 2,	Lahore				
	Project: Nil						
	Our Ref. No.	CL/CED/	2620		Dated:	15/08/2023	Test Specification

03/08/2023

(ASTM C39)

COMPRESSION TEST REPORT

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

VA/29/95

Specimens received on:		08/08/2023		2023	Tested on:	15/08/2023		in dry/wet condition				jeska s			
Sr. No.	Mark*	Cas DD	Casting Date* DD MM 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	2nd Floor Column	24	6	2023	6Diax12		14.2	28.28	88	6970		Non Engraved			
2	2nd Floor Column	24	6	2023	6Diax12		14	28.28	84	6653		Non Engraved			
3	2nd Floor Column	24	6	2023	6Diax12		15	28.28	85	6733		Non Engraved			
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Witnessed by: Mr. M. Khurram

Your Ref. No.

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Sal the		(Civil Engineering	Department		the report has been retained in
	ABUN	Univers	ity of Engineering and Tech	nology, Lahore. Pakistan		the lab for record.
		Landline: 04	2-99029245 & 042-99029202	Mobile: 0307-049689	5	
				· (AHORE ·		5594 Dr. Aqsa
То:	Sub Div Building	isional Officer js Sub Divisio	n, Bhera			
	Project: Sargodł	Construction na. (Patrolling	of PHP Post & Mobile School a Post Strip Footing)	at Beer Baran (Bhera-Dhori Ro	oad),Tehsil Bhera Dist	
	Our Ref	. No. CL/CED/	2621	Dated:	15/08/2023	Test Specification
	Your Re	f. No. 36	2 / Bhera	Dated:	18/07/2023	(ASTM C39)

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

Specimens received on:		24/07/2023		2023	Tested on:	15/08/2023		in dry/wet condition			[jester
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	(1:1.5:3)	14	6	2023	6Diax12		13.4	28.28	44	3485		Engraved
2	(1:1.5:3)	14	6	2023	6Diax12		13.4	28.28	40	3168		Engraved
3	(1:1.5:3)	14	6	2023	6Diax12		13.2	28.28	43	3406		Engraved
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Witnessed by:

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

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and the second sec		Plain and Reinforced Concrete Laboratory									
			Civil Engi	ne <mark>ering</mark> Dep	artment		the report has been retained in				
	Anuw	University of Engineering and Technology, Lahore. Pakistan									
		Landline:	042-99029245 & 042	2-99029202	Mobile: 0307-0496895						
					HORE		5594 Dr. Aqsa				
То:	Sub Div Building	visional Offic gs Sub Divis	cer sion, Bhera								
	Project: Sargodi	: Constructi ha. (Patrollii	on of PHP Post & M ng Post Strip Beam	obile School at Bee s)	r Baran (Bhera-Dhori Ro	ad),Tehsil Bhera Dist	rict				
	Our Ref	. No. CL/CE	D/ 2622		Dated:	15/08/2023	Test Specification				
	Your Re	ef. No.	364 / Bhera		Dated:	18/07/2023	(ASTM C39)				

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

Specimens received on: 24/07/2023 Tested on: 15/08/2023 in dry/wet condition					jestegi							
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section	Ultimate load (Imp Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	(1:1.5:3)	20	6	2023	6Diax12		13	28.28	40	3168		Engraved
2	(1:1.5:3)	20	6	2023	6Diax12		13	28.28	39	3089		Engraved
3	(1:1.5:3)	20	6	2023	6Diax12		13	28.28	39	3089		Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Your Ref. No. 363 / Bhera

COMPRESSION TEST REPORT

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

Specime	Specimens received on: 24/07/2023 Tested on: 15/08/2023 in dry/wet condition					6	jester					
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	(1:1.5:3)	25	6	2023	6Diax12		13.6	28.28	24	1901		Engraved
2	(1:1.5:3)	25	6	2023	6Diax12		13.4	28.28	34	2693		Engraved
3	(1:1.5:3)	25	6	2023	6Diax12		13.6	28.28	32	2535		Engraved
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Witness	ed by:											

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To: Mr. Muhammad Zubair Ahmed

A/XEN (B&R) Garrison Engineering (Navy), Naval Complex Walton, Gulberg-III Lahore.

Project: Construction of Children School (G+1 with G+3 Foundation) at Walton Lahore.

Our Ref. No. CL/CED/ 2624	Dated:	15/08/2023	Test Specification
Your Ref. No. 6023/988/123/E-6	Dated:	28/02/2023	(ASTM C39)

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

5664 Dr. Aqsa

COMPRESSION TEST REPORT

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

Specimens received on:			/08/2	023	Tested on:	15/08/2023 in dry/wet condition					je na s	
Sr. No.	Mark*	Cas DD	Casting 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	1st Floor Roof Slab	27	1	2023	6Diax12		14.4	28.28	66	5228		Non Engraved
2	1st Floor Roof Slab	27	1	2023	6Diax12		14.2	28.28	97	7683		Non Engraved
3	1st Floor Roof Slab	27	1	2023	6Diax12		14	28.28	83	6574		Non Engraved
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Witness	ed hv:											

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

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



To: Mr. Muhammad Zubair Ahmed

A/XEN (B&R) Garrison Engineering (Navy), Naval Complex Walton, Gulberg-III Lahore.

Project: Construction of Children School (2nd and 3rd Floors) at NCW Lahore Phase-II.

Our Ref. No. CL/CED/	2625	Dated:	15/08/2023	Test Specification
Your Ref. No. 602	3/991/47/E-6	Dated:	27/06/2023	(ASTM C39)

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

5664 Dr. Aqsa

COMPRESSION TEST REPORT

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

Specimens received on:			04/08/2023		Tested on:	15/08/2023		in dry/wet condition				je na s
Sr. No.	Mark*	Cas DD	Casting Date* DD MM 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	2nd Floor Column	22	5	2023	6Diax12		13.8	28.28	99	7842		Non Engraved
2	2nd Floor Column	22	5	2023	6Diax12		14	28.28	114	9030		Non Engraved
3	2nd Floor Column	22	5	2023	6Diax12		14	28.28	76	6020		Non Engraved
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2. The test results are recommended to be interpreted in the light of above factors by the engineer.



Dated:

15/08/2023

09/08/2023

Test Specification

(ASTM C39)

COMPRESSION TEST REPORT

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

2626

Nil

Our Ref. No. CL/CED/

Your Ref. No.

Specim	ens received on:	09/08/2023		2023	Tested on:	15/08/2023		in dry/wet condition					
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	Raft Foundation (1:2:4)	10	6	2023	6Diax12		13.2	28.28	40	3168		Engraved	
2	R.C.C. Wall (1:2:4)	16	6	2023	6Diax12		13	28.28	19	1505		Non Engraved	
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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

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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			the report has been retained in				
		Uni	versity of Engine	ering and Technology	, Lahore. Pakistan		the lab for record.
		Landlin	e: 042-99029245 &	042-99029202	Mobile: 0307-0496895	5	
					OREON		5710 Dr. Aqsa
To:	Executiv	ve Engine	eer				
	Public H	lealth En	gg: Division, Chak	wal			
	Project: Khanzao	Construc da, Dhum	ction of PCC Street Iman, Choa Ganj A	s / Drain UC Thanil Kama li Shah, Seglabad, Jaswa	al, Mangwal, Siral, Dhu II, Karyala, Khai & Dha	dial, Padshan, Jand b Tehsil & Distt. Cha	kwal
	Our Ref.	. No. CL/	CED/ 2627		Dated:	15/08/2023	Test Specification
	Your Re	f. No.	56 / Lab		Dated:	17/07/2023	(BS 1881-116)

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

Specim	11/8/2023		023	Tested on:	: 15/08/2023		in dry/wet condition					
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	(1:2:4)	18	6	2023	6x6x6		8	36	80	4978		Non Engraved
2	(1:2:4)	18	6	2023	6x6x6		7.8	36	91	5662		Non Engraved
3												
4												
5												
6												
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Witness	ad by:											

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 of ingredients)

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

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			the report has been retained in				
		Uni	versity of Engineer	ing and Technology,	Lahore. Pakistan		the lab for record.
		Landlin	ie: 042-99029245 & 04	2-99029202	Mobile: 0307-0496898	5	
				Л.ІАН	ORE		5710 Dr. Aqsa
То:	Executiv Public H	ve Engine lealth Eng	eer gg: Division, Chakwa	1			
	Project: Khanzao	Construc da, Dhum	tion of PCC Streets / Iman, Choa Ganj Ali S	Drain UC Thanil Kamal Shah, Seglabad, Jaswal	l, Mangwal, Siral, Dhu , Karyala, Khai & Dha	dial, Padshan, Jand b Tehsil & Distt. Cha	kwal
	Our Ref.	. No. CL/0	CED/ 2628		Dated:	15/08/2023	Test Specification
	Your Re	f. No.	57 / Lab		Dated:	17/07/2023	(BS 1881-116)

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

Specimens received on:		11/8/2023		023	Tested on:	15/08/2023		in dry/wet condition				
Sr. No.	Mark*	Cas DD	Casting 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	(1:2:4)	18	6	2023	6x6x6		8	36	103	6409		Non Engraved
2	(1:2:4)	18	6	2023	6x6x6		8	36	83	5164		Non Engraved
3												
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5												
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7												
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11												
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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

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.



Our Ref. No. CL/	CED/ 2629	Dated:	15/08/2023
Your Ref. No.	58 / Lab	Dated:	17/07/2023

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

Specimens received on: 11/8/2023 Tested on:					15/08/2023 in dry/wet condition					jezile j		
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	(1:2:4)	18	6	2023	6x6x6		8.4	36	131	8151		Non Engraved
2	(1:2:4)	18	6	2023	6x6x6		8.2	36	69	4293		Non Engraved
3												
4												
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13												
14												
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Witness	ed by:											

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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.

Director/Dy. Director Concrete Laboratory

(BS 1881-116)

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			Civil Eı	ngine <mark>ering</mark> D	epartmen	E		the report has been retained in
		Un	iversity of Engi	neering and Techno	ology, Lahore.	Pakistan		the lab for record.
		Landlir	ne: 042-99029245	& 042-99029202	Mobile: 0	307-049689	95	
					(AHORE			5710 Dr. Aqsa
То:	Executiv Public H	ve Engin lealth En	eer gg: Division, Cha	akwal				
	Project: Ouderwa	Constru al, Muree	ction of PCC Stro ed, Balokassar, N	eets / Drains UC Chał laingan, Begal, Warw	k Malook, Bheen al and Dullah Te	Chak Um hsil & Dist	ra, Har Char Dhab, Jabi t. Chakwal	r Pur,
	Our Ref.	. No. CL/	CED/ 2630			Dated:	15/08/2023	Test Specification
	Your Re	f. No.	59 / Lab			Dated:	17/07/2023	(BS 1881-116)

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

Specimens received on: 11/8/202			023	Tested on:	15/08	3/2023	in dry/wet	t condition		Ċ	jester	
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	(1:2:4)	19	6	2023	6x6x6		8.2	36	117	7280		Non Engraved
2	(1:2:4)	19	6	2023	6x6x6		7.6	36	88	5476		Non Engraved
3												
4												
5		-										
6		-										
7		-										
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11		-										
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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

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.



Our Ref. No. CL	/CED/ 2631	Dated:	15/08/2023	
Your Ref. No.	60 / Lab	Dated:	17/07/2023	

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

Specimens received on: 11/8/2023 Tested on: 15/08/2023 in dry/wet condition									jezile j			
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	(1:2:4)	19	6	2023	6x6x6		8.2	36	86	5351		Non Engraved
2	(1:2:4)	19	6	2023	6x6x6		8	36	93	5787		Non Engraved
3		1										
4		1										
5		1										
6		1										
7		1										
8												
9		1										
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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.

Director/Dy. Director Concrete Laboratory

(BS 1881-116)

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			Civil Eı	ngine <mark>ering</mark> De	partment		the report has been retained in
		Uni	versity of Engi	neering and Technol	ogy, Lahore. Pakistar	ı	the lab for record.
		Landlin	e: 042-99029245	& 042-99029202	Mobile: 0307-0496	6895	
					AHORE		5710 Dr. Aqsa
То:	Executiv Public H	ve Engine lealth En	eer gg: Division, Cha	akwal			
	Project: Ouderwa	Constru al, Muree	ction of PCC Stre d, Balokassar, N	eets / Drains UC Chak I laingan, Begal, Warwal	/lalook, Bheen, Chak U and Dullah Tehsil & Di	mra, Har Char Dhab, Jabi stt. Chakwal	ir Pur,
	Our Ref.	. No. CL/	CED/ 2632		Dated:	15/08/2023	Test Specification
	Your Re	f. No.	61 / Lab		Dated:	19/07/2023	(BS 1881-116)

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

Specimens received on: 11/8/2023 Tested on: 15				15/08	3/2023	023 in dry/wet condition						
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	(1:2:4)	21	6	2023	6x6x6		8	36	95	5911		Non Engraved
2	(1:2:4)	21	6	2023	6x6x6		8	36	78	4853		Non Engraved
3												
4												
5		-										
6		1										
7		-										
8		-										
9												
10		-										
11		-										
12												
13												
14												
15												
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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

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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			Civil En	gine <mark>ering</mark> Dep	artment		the report has been retained in
	ANUW	Un	iversity of Engin	eering and Technolog	y, Lahore. Pakistan		the lab for record.
		Landli	ne: 042-99029245 8	& 042-99029202	Mobile: 0307-049689	5	
					HORE		5710 Dr. Aqsa
To:	Executiv	ve Engin	eer				
	Public H	lealth Er	gg: Division, Chal	kwal			
	Project: Khanza	Constru da, Dhun	ction of PCC Streen nman, Choa Ganj	ets / Drain UC Thanil Ka Ali Shah, Seglabad, Jasv	mal, Mangwal, Siral, Dh val, Karyala, Khai & Dha	udial, Padshan, Jand b Tehsil & Distt. Chak	wal
	Our Ref	. No. CL/	CED/ 2633		Dated:	15/08/2023	Test Specification
	Your Re	f. No.	64 / Lab		Dated:	20/07/2023	(BS 1881-116)

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

Specimens received on: 11/8/2023			023	Tested on:	15/08	3/2023	in dry/wet	t condition			jester	
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	(1:2:4)	22	6	2023	6x6x6		8.4	36	105	6533		Non Engraved
2	(1:2:4)	22	6	2023	6x6x6		8	36	79	4916		Non Engraved
3		1										
4												
5												
6												
7												
8												
9		-										
10		-										
11		-										
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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

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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			Civil Er	ngine <mark>ering</mark> Dep	artment		the report has been retained in
	Anuw	Un	iversity of Engi	neering and Technolog	, Lahore. Pakistan		the lab for record.
		Landli	ne: 042-99029245	& 042-99029202	Mobile: 0307-049689	5	
				MI-IA	HORE		5710 Dr. Aqsa
To:	Executiv	ve Engin	eer				
	Public H	lealth Er	gg: Division, Cha	akwal			
	Project: Khanzao	Constru da, Dhun	ction of PCC Stre nman, Choa Ganj	eets / Drain UC Thanil Kan Ali Shah, Seglabad, Jasw	nal, Mangwal, Siral, Dha al, Karyala, Khai & Dha	udial, Padshan, Jand b Tehsil & Distt. Chak	wal
	Our Ref	. No. CL/	CED/ 2634		Dated:	15/08/2023	Test Specification
	Your Re	f. No.	65 / Lab		Dated:	20/07/2023	(BS 1881-116)

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

Specimens received on: 11/8/202			023	Tested on:	15/08	3/2023	in dry/wet	t condition				
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	(1:2:4)	22	6	2023	6x6x6		8	36	83	5164		Non Engraved
2	(1:2:4)	22	6	2023	6x6x6		8	36	108	6720		Non Engraved
3		1										
4		-										
5		-										
6		-										
7		-										
8		-										
9		-										
10		-										
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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 of ingredients)

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

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The	NAME AND	Plain and Reinforced Concrete Laboratory								
			Civil En	gine <mark>ering</mark> Dep	artment		the report has been retained in			
	CANUW	Un	iversity of Engin	eering and Technolog	y, Lahore. Pakistan		the lab for record.			
		Landlin	ne: 042-99029245 8	x 042-99029202	Mobile: 0307-049689	5				
					HORE		5710 Dr. Aqsa			
To:	Executiv	ve Engin	eer							
	Public H	lealth Er	gg: Division, Chal	ƙwal						
	Project: Khanza	Constru da, Dhun	ction of PCC Stree	ets / Drain UC Thanil Ka Ali Shah, Seglabad, Jasv	mal, Mangwal, Siral, Dh val, Karyala, Khai & Dha	udial, Padshan, Jand ıb Tehsil & Distt. Chakı	wal			
	Our Ref	. No. CL/	CED/ 2635		Dated:	15/08/2023	Test Specification			
	Your Re	ef. No.	66 / Lab		Dated:	21/07/2023	(BS 1881-116)			

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

Specim	ens received on:	11/8/2023			Tested on:	15/08/2023		in dry/wet condition				
Sr. No.	Mark*	Casting Date*		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	(1:2:4)	23	6	2023	6x6x6		8.4	36	101	6284		Non Engraved
2	(1:2:4)	23	6	2023	6x6x6		8	36	106	6596		Non Engraved
3		1										
4		-										
5		1										
6												
7												
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10		-										
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12												
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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 of ingredients)

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

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		Plain and Reinforced Concrete Laboratory									
	· / au (6)	Civil Engineering Department									
		Universi	ty of Engineering and T	echnology, Lahore.	Pakistan		the lab for record.				
		Landline: 04	2-99029245 & 042-9902920	2 Mobile:	0307-049689	95					
				AHORE			5710 Dr. Aqsa				
То:	Executive Engineer Public Health Engg: Division, Chakwal										
	Project: Construction of PCC Streets / Drains UC Chak Malook, Bheen, Chak Umra, Har Char Dhab, Jabir Pur, Ouderwal, Mureed, Balokassar, Maingan, Begal, Warwal and Dullah Tehsil & Distt. Chakwal										
	Our Ref.	No. CL/CED/	2636		Dated:	15/08/2023	Test Specification				
	Your Re	f. No. 67	/ Lab		Dated:	22/07/2023	(BS 1881-116)				

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

Specim	ens received on:	11/8/2023			Tested on:	15/08	15/08/2023		in dry/wet condition			jester
Sr. No.	Mark*	Casting Date*		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	(1:2:4)	24	6	2023	6x6x6		8	36	100	6222		Non Engraved
2	(1:2:4)	24	6	2023	6x6x6		8	36	82	5102		Non Engraved
3												
4												
5		-										
6		-										
7		-										
8		-										
9												
10		-										
11		-										
12												
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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

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.