

Plain and Reinforced Concrete Laboratory Civil Engineering Department

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
he lab for record.

5309 Dr. M. Mazhar

- To: Engr. Muhammad Umar
 - E&dc Associates

Project: Construction of Additional Girls Hostel and House Officers Hostel at CKMC, Kharian Cantt.

Our Ref. No. CL	/CED/ 2052	Dated:	31-05-23	Test Specification
Your Ref. No.	E&dc-080/10	Dated:	29-05-23	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	3	0-05	-23	Tested on:	31-0	5-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti	Remarks
		DD	ММ	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)	
1	F.F Col. of A.G.H Bldg. (3000 Psi)	18	5	2023	6Diax12		13.2	28.28	47	3723		Engraved
2	F.F Col. of A.G.H Bldg. (3000 Psi)	18	5	2023	6Diax12		13.2	28.28	45	3564		Engraved
3	F.F Slab of H.O.H (3000 Psi)	21	5	2023	6Diax12		13.4	28.28	20	1584		Engraved
4	F.F Slab of H.O.H (3000 Psi)	21	5	2023	6Diax12		12.6	28.28	49	3881		Engraved
5	F.F Slab of H.O.H (3000 Psi)	21	5	2023	6Diax12	ARTHE	12.8	28.28	35	2772		Engraved
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Witness	sed 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 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.

	Plain and Reinforced Concrete L Civil Engineering Department University of Engineering and Technology, Lahore. Pa Landline: 042-99029245 & 042-99029202 Mobile: 030	aboratory ^{kistan} 17-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To:	Assistant Executive Engineer-I Central Civil Division No.II, Pak P.W.D, Lahore.		5288 Dr. M. Mazhar
	Project: Construction of Carpeting Road from Mota Singh to Karbath B III) (Sub-Head: Bridge) Our Ref. No. CL/CED/ 2053 Da	adian Road, District Lahore. (Phas ited: 31-05-23	se- <u>Test Specification</u>

Your Ref. No. AEE	E-I/LCCD-II/SAP/166	Dated:	25-05-23

COMPRESSION TEST REPORT

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

Specim	ens received on:	2	5-05	-23	Tested on:	31-0)5-23	in dry/we	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		30	4	2023	6Diax12		13.2	28.28	83	6574		Non Engraved
2		30	4	2023	6Diax12		13	28.28	75	5941		Non Engraved
3		30	4	2023	6Diax12		13.2	28.28	83	6574		Non Engraved
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Witness	sed by: Nil		•	•	·	·	•	•	•	•		

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(ASTM C39)

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	Plain and Reinforced Concre	ete Labo	ratory	ORIGINAL A carbon copy for
I I I I I I I I I I I I I I I I I I I	Civil Engineering Departn	nent		the report has
	University of Engineering and Technology, Lak	ore. Pakistan		the lab for record.
	Landline: 042-99029245 & 042-99029202 Mo	bile: 0307-04968	95	
	AHOR			5314 Dr. M. Mazhar
To:	Sub Divisional Officer Building Sub Division No. 2, Lahore.			
	Project: Rehabilitation at Government Model Girls High School 229 for the Year 2022-23)	Nazooli Bazar N	lozang, Lahore (ADP	No.
	Our Ref. No. CL/CED/ 2054	Dated:	31/5/2023	Test Specification

WEERING

Your Ref. No. 1609/2nd

COMPRESSION TEST REPORT

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

Specim	ens received on:	31	31/05/2023 Tested on: 31/5/2023 in dry/wet condition			Ö	jester					
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Water Absorpti on (%)	Remarks
	RCC Columns	עט			(in)	(r.g/ gms)	(r.g/ gms)	(Sq. in)	(imp.ions)	(psi)	,	
1	(1:1.5:3)	7	5	2023	6x6x6		8.6	36	53	3298		Non Engraved
2	(1:1.5:3)	7	5	2023	6x6x6		8.6	36	63	3920		Non Engraved
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(BS 1881-116)

15/5/2023

Dated:





Plain and Reinforced Concrete Laboratory Civil Engineering Department

University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



To: Engr's. Abdul Waheed OZ DEVELOPERS Pvt. Ltd.

Project: Construction of a High Rise Building "Bahria Sky" at Bahria Orchard Phase 4 Lahore.

Our Ref. No. CL/C	ED/ 2055	Dated:	31/5/2023	Test Specification
Your Ref. No.	Nil	Dated:	31/5/2023	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	31	/05/2	2023	Tested on:	31/5	/2023	in dry/we	t condition			1630年初
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		עט		YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp. I ons)	(psi)		
1		16	5	2023	6Diax12		14	28.28	61	4832		Non Engraved
2		16	5	2023	6Diax12		14	28.28	43	3406		Non Engraved
3		17	5	2023	6Diax12		13.4	28.28	59	4673		Non Engraved
4		17	5	2023	6Diax12		13.8	28.28	69	5465		Non Engraved
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Witness	sed by:											

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5313 Dr. M. Mazhar

ORIGINAL

(ASTM C39)





Project: Construction of ABL Bank Expo Centre Johar Town Lahore. (Tetra Ready Mix)

Our Ref. No. CL/CED/ 2056	Dated:	31/5/2023	Test Specification
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	30	/05/2	2023	Tested on:	31/5	/2023	in dry/wet condition			Ë	ies alteri
Sr. No.	Mark*	Cas DD	ting MM	Date*	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	Basement Slab (4000 Psi)	21	5	2023	6Diax12		13	28.28	53	4198		Non Engraved
2	Basement Slab (4000 Psi)	21	5	2023	6Diax12		13.2	28.28	63	4990		Non Engraved
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Witness	ed hv:											

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Head Coordination and Development Adabistan-e-Soophia School **Project: Nil**

Our Ref. No. CL/C	ED/ 2057	Dated:	31/5/2023	Test Specification
Your Ref. No.	AES/23/	Dated:	24/05/2023	(ASTM C39)

COMPRESSION TEST REPORT

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

Specim	ens received on:	35	5/05/2	2023	Tested on:	31/5	/2023	in dry/wet condition			Ċ	jestes
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		15	5	2023	6Diax12		14	28.28	35	2772		Non Engraved
2		15	5	2023	6Diax12		13.8	28.28	39	3089		Non Engraved
3		15	5	2023	6Diax12		14.2	28.28	29	2297		Non Engraved
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To:



Assistant Executive Engineer-III, Central Civil Division No. II, P	ak P.W.D., Lahore	
Project: Construction of PCC, Sewerage and Tuff Tiles in UC-5	4 of District Lahor	e
Our Ref. No. CL/CED/ 2058	Dated:	31/5/2023

Our Ker. No. CL/C	ED/ 2030	Daleu.	51/5/2025		
Your Ref. No.	AEE-III/LCCD-II/LHR/21	Dated:	08-02-23		

COMPRESSION TEST REPORT

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

Specim	ens received on:	26	/05/2	2023	Tested on:	31/5	/2023	in dry/wet condition			Ë	jestes
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		8	2	2023	6x6x6		7.4	36	35	2178		Non Engraved
2		8	2	2023	6x6x6		8.6	36	100	6222		Non Engraved
3		8	2	2023	6x6x6		8.2	36	114	7093		Non Engraved
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To:

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5293 Dr. M. Mazhar

Test Specification (BS 1881-116)

Director/Dy. Director Concrete Laboratory





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

5307 Dr. M. Mazhar

Mobile: 0307-0496895

To: **Assistant Project Director**

Project Management Unit (PMU) Government of the Punjab Sports Board Punjab (SBP)

Project: Establishment of Rural Sports Facilities at Saidpur District Kasur GS No # 370

Our Ref. No. CL	/CED/ 2059	Dated:	31/5/2023	Test Specification
Your Ref. No.	APD/PMU/SBP/LHR/23/559	Dated:	22/5/2023	(BS 1881-116)

COMPRESSION TEST REPORT

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

Landline: 042-99029245 & 042-99029202

Specim	ens received on:	30	/05/2	2023	Tested on:	31/5	/2023	in dry/wet condition			回亞於战場的	
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	Play Field Room (Roof Beam, Slab)	25	4	2023	6x6x6		8.6	36	118	7342		Engraved
2	Play Field Room (Roof Beam, Slab)	25	4	2023	6x6x6		8.6	36	115	7156		Engraved
3	Play Field Room (Roof Beam, Slab)	25	4	2023	6x6x6		8.4	36	100	6222		Engraved
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University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895



To: Sub Divisional Officer,

Building Sub Division No. 2, Lahore.

Project: Expansion/Rehabilitation of Child Protection and Welfare Bureau, Lahore

Our Ref. No. CL/	CED/ 2060	Dated:	31/5/2023	Test Specification
Your Ref. No.	1602/2nd	Dated:	13/5/2023	(BS 1881-116)

COMPRESSION TEST REPORT

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

Specim	ens received on:	29	/05/2	2023	Tested on:	31/5	/2023	in dry/wet condition				
Sr. No.	Mark*	Cas	Casting Date*		Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	OII (%)	
1	RCC (1:2:4) Admin Block	22	3	2023	6x6x6		8.8	36	59	3671		Non Engraved
2	RCC (1:2:4) Admin Block	22	3	2023	6x6x6		8.8	36	75	4667		Non Engraved
3	RCC Col. (1:1.5:3) Ground Floor	30	3	2023	6x6x6		8.8	36	55	3422		Non Engraved
4	RCC Col. (1:1.5:3) Ground Floor	30	3	2023	6x6x6		8.6	36	83	5164		Non Engraved
5	RCC Slab (1:2:4) First Floor	18	4	2023	6x6x6		9	36	83	5164		Non Engraved
6	RCC Slab (1:2:4) First Floor	18	4	2023	6x6x6		9	36	94	5849		Non Engraved
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5303 Dr. M. Mazhar

Director/Dy. Director Concrete Laboratory

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ALC: LANGE		Plai	n and Reinford	ed Concrete	Labo	ratory	ORIGINAL A carbon copy for
			Civil Engineeri	ng Departmen	it		the report has been retained in
		Univ	ersity of Engineering and	Technology, Lahore.	Pakistan		the lab for record.
		Landline	042-99029245 & 042-99029	202 Mobile:	0307-0496	895	
			4	- AHORE -			5300 Dr. M. Mazhar
To:	Sub Divi Building	isional Of Is Sub Di	ficer, vision No. 19, GOR-1, Lahor	e.			
	Project: 6938)	UP GRAI	DATION & IMPROVEMENT O	F OPEN AIR THEATRE	BAGH-E-J	INNAH, LAHORE (ADP	NO.
(Our Ref.	No. CL/C	ED/ 2061		Dated:	31/5/2023	Test Specification
•	Your Re	f. No.	1664		Dated:	22/3/2023	(BS 1881-116)

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COMPRESSION TEST REPORT

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



Witnessed by:

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