



Plain and Reinforced Concrete Laboratory **Civil Engineering Department** 

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



To: **Mr. AMEIN UDDIN** 

PM Project, Majeed Associates (Pvt.) Ltd. Karachi.

Project: Construction of ABL BANK EXPO CENTRE JOHAR TOWN LAHORE. (Tetra Ready Mix)

Our Ref. No. CL/CED/ 1699	Dated:	12-04-23	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:	1	0-04	-23	Tested on:	12-0	)4-23	in dry/wet condition			Ü	je su s		
Sr. No.	Mark*		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	4000 Psi	30	3	2023	6Diax12		13.4	28.28	43	3406		Non Engraved		
2	4000 Psi	30	3	2023	6Diax12		14	28.28	53	4198		Non Engraved		
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Witness	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 comprerssive 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.

5090 Dr. Mazhar



ORIGINAL

5044 Dr. Mazhar

To: Model Bazaar Head Office Building, MASCON ASSOCIATES (Pvt) Ltd and HA Consulting

Project: Establishment of Model Bazaar Head Office Building

Our Ref. No. CL	/CED/ 1700	Dated:	12-04-23	Test Specification
Your Ref. No.	MAC-HAC/23/PMBMC/LT/039	Dated:	29-03-2023	(ASTM C39)

# COMPRESSION TEST REPORT

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

Specim	ens received on:	03	/04/2	2023	Tested on:	12-0	)4-23	in dry/wet condition				iester:
Sr. No.	Mark*		-	Date*	Size	Wet Weight		Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	A 1 EL 1 10	DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	3rd Floor Lifts ( 3000 Psi)	23	3	2023	6Diax12		13	28.28	29	2297		Non Engraved
2	3rd Floor Lifts ( 3000 Psi)	23	3	2023	6Diax12		13	28.28	45	3564		Non Engraved
3	3rd Floor Lifts ( 3000 Psi)	23	3	2023	6Diax12		13	28.28	35	2772		Non Engraved
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Witness	Vitnessed by:											

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### **Director/Dy. Director Concrete Laboratory**



To: Office of the Cantonment Board Sargodha

Project: Providing laying of Sewerage Lines/ Disposal Ward No. 04 Sargodha Cantt (Phase I)

Our Ref. No. CL/	CED/ 1701	Dated:	12-04-23
Your Ref. No.	CBS/Cant/01/81	Dated:	02-03-23

### COMPRESSION TEST REPORT

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

Specim	ens received on:	07	/04/2	2023	Tested on:	12-0	04-23	in dry/wet condition				jezheg
Sr. No.	Mark*	Cas DD	•	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		5	3	2023	6Diax12		14	28.28	63	4990		Non Engraved
2		5	3	2023	6Diax12		13.2	28.28	51	4040		Non Engraved
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Witness	Witnessed by:											

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Dr. Mazhar

Test Specification (ASTM C39)

5081



Project: Providing laying of Sewerage Lines at Ward No. 03 Sargodha Cantt (Phase-I)

Our Ref. No. CL/CED/ 1702	Dated:	12-04-23	Test Specification
Your Ref. No. CBS/Cant/01/84	Dated:	02-03-23	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	07	/04/2	2023	Tested on:	12-0	94-23	in dry/we	t condition			iester:
Sr. No.	Mark*		Casting Date* DD MM YYYY		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		4	3	2023	6Diax12		13.2	28.28	20	1584		Non Engraved
2		4	3	2023	6Diax12		13	28.28	61	4832		Non Engraved
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Witness	Witnessed by:											

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Note: Above results pertain to the unsealed samples supplied to the laboratory



To:



Mobile: 0307-0496895

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

> 5102 Dr. Mazhar

Mr. Abdul Basit Mansoor Assistant Executive Engineer-III, Central Civil Division No. II, Pak P.W.D., Lahore

Project: Construction of PCC, Sewerage & Tuff Tiles in UC-93 PH-II of District Lahore

**Civil Engineering Department** 

University of Engineering and Technology, Lahore. Pakistan

Our Ref. No. CL	/CED/ 1703	Dated:	12-04-23	Test Specification
Your Ref. No.	AEE-III/LCCD-II/LHR/07	Dated:	24/1/2023	( BS 1881-116 )

## COMPRESSION TEST REPORT

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

Landline: 042-99029245 & 042-99029202

Specim	ens received on:	11	/04/2	2023	Tested on:	12-0	)4-23	in dry/wet condition			Ċ	jester j		
Sr. No.	Mark*		Casting Date*				Size (in)	Weight Weight X		Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1		24	1	2023	6x6x6		8	36	69	4293		Non Engraved		
2		24	1	2023	6x6x6		8	36	65	4044		Non Engraved		
3		24	1	2023	6x6x6		8.2	36	35	2178		Non Engraved		
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### **Director/Dy. Director Concrete Laboratory**







**Civil Engineering Department** 

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



To: Mr. Abdul Basit Mansoor

Assistant Executive Engineer-III, Central Civil Division No. II, Pak P.W.D., Lahore

Project: Construction of PCC, Sewerage & Tuff Tiles in UC-71 PH-II of District Lahore

Our Ref. No. CL/	CED/ 1704	Dated:	12-04-23	Test Specification
Your Ref. No.	AEE-III/LCCD-II/LHR/10	Dated:	24/1/2023	( BS 1881-116 )

### COMPRESSION TEST REPORT

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

Specim	ens received on:	11	/04/2	2023	Tested on:	12-0	)4-23	in dry/wet condition		Ċ	jesteg											
Sr. No.	Mark*		Casting Date*		-		-		-		-		-		Size	Wet Weight		Area of X-Section	load		Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (76)											
1		24	1	2023	6x6x6		8.8	36	39	2427		Non Engraved										
2		24	1	2023	6x6x6		8.4	36	53	3298		Non Engraved										
3		24	1	2023	6x6x6		8	36	67	4169		Non Engraved										
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ORIGINAL A carbon copy for the report has been retained in the lab for record.

> 5102 Dr. Mazhar





5103

#### To:

**Buildings Sub Division No. 22 Lahore** 

Project: Construction of Population Welfare House Punjab, at Lahore.

Our Ref. No. CL/CED/ 1705	Dated:	12-04-23	Test Specification
Your Ref. No. 74/22nd	Dated:	04-04-23	(BS 1881-116)

## COMPRESSION TEST REPORT

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

Mark* R.C.C. (1:2:4) Fourth/F Slab R.C.C. (1:2:4) Fourth/F Slab R.C.C. (1:2:4) Fourth/F Slab		MM 3 3	Date* YYYY 2023 2023	Size (in) 6x6x6		Dry Weight (Kg/ gms)	Area of X-Section	load	Ultimate Stress	Water Absorpti	Remarks
Fourth/F Slab R.C.C. (1:2:4) Fourth/F Slab R.C.C. (1:2:4) Fourth/F Slab	6 6	3 3	2023	. ,		(Kg/ gms)	(Car 1m)				
Fourth/F Slab R.C.C. (1:2:4) Fourth/F Slab R.C.C. (1:2:4) Fourth/F Slab	6	3		6x6x6			(Sq. in)	(Imp.Tons)	(psi)	on (%)	
Fourth/F Slab R.C.C. (1:2:4) Fourth/F Slab	-	-	2023			8	36	77	4791		Non Engraved
Fourth/F Slab	6		2025	6x6x6		8	36	63	3920		Non Engraved
		3	2023	6x6x6		8.2	36	86	5351		Non Engraved
	     	       		Image: select	Image: state	Image: state sta	Image: state sta	Image: state sta	Image: state sta	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

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	Plain and Reinforced ( Civil Engineering D	Department
	University of Engineering and Techn Landline: 042-99029245 & 042-99029202	Mobile: 0307-0496895
	Landline: 042-99029245 & 042-99029202	MODIIE: 0307-0496895
То:	(Mr. Muhammad Aslam Sipra), Assistant Executive E Central Civil Division No.II, Pak P.W.D., Lahore.	ingineer-IV

Project: Construction of Sewerage, Drainage, PCC & Carpeting in UC-120 Lahore. (M/S Abaan												
Construction Co. Govt. Contractor)												
Our Ref. No. CL	(CED/ 1706	Dated:	12-04-23									
Your Ref. No.	AEE-IV/LCCD-II/LHR/208	Dated:	14-03-23									

# **COMPRESSION TEST REPORT**

Test Specification (BS 1881-116)

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

5086 & 5099 Dr. Asad Gilani



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

Specim	ens received on:	0	7-04	-23	Tested on:	12-0	04-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	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)	10	3	2023	6x6x6		8.4	36	67	4169		Non Engraved
2	(1:2:4)	10	3	2023	6x6x6		8.2	36	69	4293		Non Engraved
3	(1:4:8)	3	3	2023	6x6x6		8.2	36	59	3671		Non Engraved
4	(1:4:8)	3	3	2023	6x6x6		8.1	36	61	3796		Non Engraved
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Witness	sed by: Nil											

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10:	Engr. Major Zia-ul-Islam (R)
	Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre (Location: Slab + 4'-6", Grid 5-1, B.1-E.3)

Our Ref. No. CL/CED/ 1707	Dated:	13-04-23	Test Specification
Your Ref. No. OCC/CPD/24/161	Dated:	12-04-23	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	1	2-04	-23	Tested on:	13-0	13-04-23 in dry/wet condit		dry/wet condition			
Sr. No.	Mark*	Cas DD	-	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	4000 Psi	29	3	2023	6Diax12		13.6	28.28	50	3960		Non Engraved
2	4000 Psi	29	3	2023	6Diax12		13	28.28	51	4040		Non Engraved
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Witness	sed by: Nil											

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# 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.

5107 Engr. Ubaid

To: Engr. Major Zia-ul-Islam (R) Project Director, GCC, Lahore. (Overseas Construction Co. Pvt. Ltd.)

Project: Gulberg City Centre (Location: Slab -7'-8" Grid (5-1 E.3-F.2) Grid 2-10 F.1-F.2)

Our Ref. No. CL/CED/ 1708	Dated:	13-04-23	Test Specification
Your Ref. No. OCC/CPD/24/160	Dated:	12-04-23	(ASTM C39)

## COMPRESSION TEST REPORT

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

-

ens received on:	1	2-04	-23	Tested on:	13-0	4-23	in dry/we	dry/wet condition			ONLINE REPORT		
Mark*		•		Size (in)	Wet Weight (Kg/ gms)			load	Stress	water	Remarks		
4000 Psi	28	3	2023	6Diax12		13.4	28.28	47	3723		Non Engraved		
4000 Psi	28	3	2023	6Diax12		14	28.28	43	3406		Non Engraved		
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	Mark* 4000 Psi 4000 Psi 4000 Psi	Mark*         Cas           DD         DD           4000 Psi         28           4000 Psi         28 <tr tr=""> </tr>	Mark*         Casting           DD         MM           4000 Psi         28         3           4000 Psi         28         3           4000 Psi         28         3            28         3            28         3            28         3            28         3            28         3            28         3            28         3	Mark*         Casting Date*           DD         MM YYYY           4000 Psi         28         3         2023           4000 Psi         28         3         2023            28         3         2023            28         3         2023	Mark*         Casting Date*         Size           DD         MM YYYY         (in)           4000 Psi         28         3         2023         6Diax12           4000 Psi         28         3         2023         6Diax12           4000 Psi         28         3         2023         6Diax12	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)           4000 Psi         28         3         2023         6Diax12  <	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           4000 Psi         28         3         2023         6Diax12          13.4           4000 Psi         28         3         2023         6Diax12          14              14          14              1         1         1 <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Sq. in)           4000 Psi         28         3         2023         6Diax12          13.4         28.28           4000 Psi         28         3         2023         6Diax12          14         28.28           4000 Psi         28         3         2023         6Diax12          14         28.28              14         28.28  </td> <td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section (Sq. in)         Ultimate load           4000 Psi         28         3         2023         6Diax12          13.4         28.28         47           4000 Psi         28         3         2023         6Diax12          14         28.28         43             1-4         28.28         43  </td> <td>Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section load         Ultimate Stress (psi)           4000 Psi         28         3         2023         6Diax12          13.4         28.28         47         3723           4000 Psi         28         3         2023         6Diax12          14         28.28         43         3406             14         28.28         43         3406  &lt;</td> <td>Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of Weight (Sq. in)         Ultimate Ioad         Water Stress (psi)           4000 Psi         28         3         2023         6Diax12          13.4         28.28         47         3723            4000 Psi         28         3         2023         6Diax12          14         28.28         47         3723            4000 Psi         28         3         2023         6Diax12          14         28.28         43         3406   </td>	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section (Sq. in)           4000 Psi         28         3         2023         6Diax12          13.4         28.28           4000 Psi         28         3         2023         6Diax12          14         28.28           4000 Psi         28         3         2023         6Diax12          14         28.28              14         28.28	Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of X-Section (Sq. in)         Ultimate load           4000 Psi         28         3         2023         6Diax12          13.4         28.28         47           4000 Psi         28         3         2023         6Diax12          14         28.28         43             1-4         28.28         43	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section load         Ultimate Stress (psi)           4000 Psi         28         3         2023         6Diax12          13.4         28.28         47         3723           4000 Psi         28         3         2023         6Diax12          14         28.28         43         3406             14         28.28         43         3406  <	Mark*         Casting Date*         Size         Wet Weight (Kg/ gms)         Dry Weight (Kg/ gms)         Area of Weight (Sq. in)         Ultimate Ioad         Water Stress (psi)           4000 Psi         28         3         2023         6Diax12          13.4         28.28         47         3723            4000 Psi         28         3         2023         6Diax12          14         28.28         47         3723            4000 Psi         28         3         2023         6Diax12          14         28.28         43         3406		

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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

 $\underline{\textbf{Note:}}$  Above results pertain to the unsealed samples supplied to the laboratory