

**Civil Engineering Department** 

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

6169 Dr. M. Yousaf

To: (Z.H.Kazmi)

Principal Architect, Z.H.Kazmi and Associates

Project: Construction of MCB Bank Ltd Gohadpur Branch, Gujranwala Region, (0222)

Our Ref. No. CL/CE	D/ 3393	Dated:	06-11-23	Test Specification
	Nil	Dated:	31-10-23	( )

### **COMPRESSION TEST REPORT**

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

ens received on:	3	<b>1-10</b>	-23	Tested on:	06-1	1-23	in dry/wet	t condition			ONLINE REPORT
Mark*		-		Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)			Stress	Water Absorpti on (%)	Remarks
z				8.7 x 4.3 x 2.9	3460	3035	37.41	42	2515	14	
z				8.8 x 4.3 x 2.9	3580	3160	37.84	42	2486	13.29	
Z				8.7 x 4.3 x 2.9	3570	3125	37.41	40	2395	14.24	
Z				8.9 x 4.3 x 2.9	3585	3120	38.27	36	2107	14.9	
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	Mark* Z Z Z Z     	Mark*     Cas       DD     DD       Z        Z        Z        Z        Z        Z        Z	Mark*     Casting       DD MM       Z   <	Mark*     Casting Date*       DD     MM YYYY       Z    <	Mark*     Casting Date*     Size       DD     MM     YYYY     (in)       Z       8.7 x 4.3 x 2.9       Z       8.7 x 4.3 x 2.9       Z       8.8 x 4.3 x 2.9       Z       8.7 x 4.3 x 2.9       Z       8.9 x 4.3 x 2.9       Z	Mark*     Casting Date*     Size     Wet Weight       DD     MM YYYY     (in)     (Kg/gms)       Z       8.7 x 4.3 x 2.9     3460       Z       8.7 x 4.3 x 2.9     3580       Z       8.9 x 4.3 x 2.9     3585          8.9 x 4.3 x 2.9     3585          8.9 x 4.3 x 2.9     3585           8.9 x 4.3 x 2.9     3585 <td>Mark*     Casting Date*     Size     Wet Weight     Dry Weight       Z       8.7 x 4.3 x 2.9     3460     3035       Z       8.7 x 4.3 x 2.9     3580     3160       Z       8.8 x 4.3 x 2.9     3580     3125       Z       8.7 x 4.3 x 2.9     3585     3120       Z       8.9 x 4.3 x 2.9     3585     3120       Z       8.9 x 4.3 x 2.9     3585     3120          8.9 x 4.3 x 2.9     3585     3120           8.9 x 4.3 x 2.9     3585     3120                                     </td> <td>Mark*     Casting Date*     Size     Wet Weight Weight Weight (Kg/gms)     Area of X-Section (Sq. in)       Z       8.7 x 4.3 x 2.9     3460     3035     37.41       Z       8.7 x 4.3 x 2.9     3460     3035     37.41       Z       8.7 x 4.3 x 2.9     3580     3160     37.84       Z       8.7 x 4.3 x 2.9     3580     3160     37.84       Z       8.7 x 4.3 x 2.9     3585     3120     38.27          8.9 x 4.3 x 2.9     3585     3120     38.27  </td> <td>Mark*     Casting Date*     Size     Wet Weight (Kg/gms)     Dry Weight (Kg/gms)     Area of X-Section (Imp.Tons)       Z       8.7 x 4.3 x 2.9     3460     3035     37.41     42       Z       8.7 x 4.3 x 2.9     3580     3160     37.84     42       Z       8.7 x 4.3 x 2.9     3580     3160     37.84     42       Z       8.7 x 4.3 x 2.9     3570     3125     37.41     40       Z       8.9 x 4.3 x 2.9     3585     3120     38.27     36          8.9 x 4.3 x 2.9     3585     3120     38.27     36                                      </td> <td><math display="block"> \begin{array}{c c c c c c c c c c c c c c c c c c c </math></td> <td>Mark*     Casting Date*     Size     Weight (in)     Dry (Kg/ gms)     Area of (Kg/ gms)     Ultimate X-Section     Ultimate load     Water Absorption (%)       Z       8.7 x 4.3 x 2.9     3460     3035     37.41     42     2515     14       Z       8.7 x 4.3 x 2.9     3580     3160     37.84     42     2486     13.29       Z       8.7 x 4.3 x 2.9     3570     3125     37.41     40     2395     14.24       Z       8.7 x 4.3 x 2.9     3585     3120     38.27     36     2107     14.9         8.7 x 4.3 x 2.9     3585     3120     38.27     36     2107     14.9         8.9 x 4.3 x 2.9     3585     3120     38.27     36     2107     14.9                    </td>	Mark*     Casting Date*     Size     Wet Weight     Dry Weight       Z       8.7 x 4.3 x 2.9     3460     3035       Z       8.7 x 4.3 x 2.9     3580     3160       Z       8.8 x 4.3 x 2.9     3580     3125       Z       8.7 x 4.3 x 2.9     3585     3120       Z       8.9 x 4.3 x 2.9     3585     3120       Z       8.9 x 4.3 x 2.9     3585     3120          8.9 x 4.3 x 2.9     3585     3120           8.9 x 4.3 x 2.9     3585     3120	Mark*     Casting Date*     Size     Wet Weight Weight Weight (Kg/gms)     Area of X-Section (Sq. in)       Z       8.7 x 4.3 x 2.9     3460     3035     37.41       Z       8.7 x 4.3 x 2.9     3460     3035     37.41       Z       8.7 x 4.3 x 2.9     3580     3160     37.84       Z       8.7 x 4.3 x 2.9     3580     3160     37.84       Z       8.7 x 4.3 x 2.9     3585     3120     38.27          8.9 x 4.3 x 2.9     3585     3120     38.27	Mark*     Casting Date*     Size     Wet Weight (Kg/gms)     Dry Weight (Kg/gms)     Area of X-Section (Imp.Tons)       Z       8.7 x 4.3 x 2.9     3460     3035     37.41     42       Z       8.7 x 4.3 x 2.9     3580     3160     37.84     42       Z       8.7 x 4.3 x 2.9     3580     3160     37.84     42       Z       8.7 x 4.3 x 2.9     3570     3125     37.41     40       Z       8.9 x 4.3 x 2.9     3585     3120     38.27     36          8.9 x 4.3 x 2.9     3585     3120     38.27     36	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Mark*     Casting Date*     Size     Weight (in)     Dry (Kg/ gms)     Area of (Kg/ gms)     Ultimate X-Section     Ultimate load     Water Absorption (%)       Z       8.7 x 4.3 x 2.9     3460     3035     37.41     42     2515     14       Z       8.7 x 4.3 x 2.9     3580     3160     37.84     42     2486     13.29       Z       8.7 x 4.3 x 2.9     3570     3125     37.41     40     2395     14.24       Z       8.7 x 4.3 x 2.9     3585     3120     38.27     36     2107     14.9         8.7 x 4.3 x 2.9     3585     3120     38.27     36     2107     14.9         8.9 x 4.3 x 2.9     3585     3120     38.27     36     2107     14.9

#### 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.



**Civil Engineering Department** 

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

6192 Dr. M.Yousaf

To: Mr. Riaz Ahmad

Rana Associates, Engineers and Contractors

Project: 160-P, Gulberg Lahore.			
Our Ref. No. CL/CED/ 3394	Dated:	06-11-23	Test Specification
Your Ref. No. Nil	Dated:	03-11-23	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	Specimens received on: 03-11-23 Tested on: 06-11-23 in dry/wet condition						ONLINE REPORT					
Sr. No.	Mark*		-	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	Column (4000 Psi)	21	10	2023	6Diax12		13.6	28.28	34	2693		Non Engraved
2	Column (4000 Psi)	21	10	2023	6Diax12		13.2	28.28	34	2693		Non Engraved
3	Column (4500 Psi)	23	10	2023	6Diax12		13.8	28.28	41	3248		Non Engraved
4	Column (4500 Psi)	23	10	2023	6Diax12		14	28.28	42	3327		Non Engraved
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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)



**Civil Engineering Department** 

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6195 Dr. M.Yousaf

#### To: Engr. Haseeb Afzal

Project Manager, HMB Developers Pvt. Ltd.

Project: Commercial Tower, Finance Trade Centre, Lahore. B-2 Retaining Wall (M'- N'/1' & N'/1'- 4')

Our Ref. No. CL/	CED/ 3395	Dated:	06-11-23	Test Specification
Your Ref. No.	HMBDPL/S.O/11/23/75th (LHR)	Dated:	06-11-23	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specime	ens received on:	0	6-11	-23	Tested on:	06-1	1-23	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	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	CT-44 (3500 Psi)	4	10	2023	6Diax12		14.4	28.28	39	3089		Non Engraved
2	CT-44 (3500 Psi)	4	10	2023	6Diax12		14.6	28.28	74	5861		Non Engraved
3	CT-44 (3500 Psi)	4	10	2023	6Diax12		14.4	28.28	59	4673		Non Engraved
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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)

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

### Director/Dy. Director Concrete Laboratory



**Civil Engineering Department** 

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

6172 Dr. M.Yousaf

То:	Assistant Resident Engineer ES Consultants (Pvt) Ltd.		
	Project: Construction of Multy Storey (High Rise) Come Khayaban-e-Jinnah Raiwind Road, Lahore.	rcial Building Complex at OPF Housing Sch	neme,
	Our Ref. No. CL/CED/ 3396	Dated: 06-11-23	Test Specification
	Your Ref. No. ESC /OPF-ISL/6039	Dated: 30-10-23	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	3	1-10	-23	Tested on:	06-1	1-23	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		23	9	2023	6Diax12		13.2	28.28	74	5861		Non Engraved
2		23	9	2023	6Diax12		13.4	28.28	91	7208		Non Engraved
3		23	9	2023	6Diax12		13.2	28.28	81	6416		Non Engraved
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Witness	Nitnessed by: Nil											

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

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Supervisor (Lab)



**Civil Engineering Department** 

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

6172 Dr. M.Yousaf

То:	Assistant Resident Engineer ES Consultants (Pvt) Ltd.		
	Project: Construction of Multy Storey (High Rise) Come Khayaban-e-Jinnah Raiwind Road, Lahore.	rcial Building Complex at OPF Housing Sch	neme,
	Our Ref. No. CL/CED/ 3397	Dated: 06-11-23	Test Specification
	Your Ref. No. ESC /OPF-ISL/6040	Dated: 30-10-23	(ASTM C39)

## **COMPRESSION TEST REPORT**



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

Specim	ens received on:	3	1-10	-23	Tested on:	06-1	1-23	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		25	9	2023	6Diax12		13.4	28.28	64	5069		Non Engraved
2		25	9	2023	6Diax12		13.2	28.28	80	6337		Non Engraved
3		25	9	2023	6Diax12		13.2	28.28	76	6020		Non Engraved
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Witness	Nitnessed 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

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**Civil Engineering Department** 

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

6172 Dr. M.Yousaf

То:	Assistant Resident Engineer ES Consultants (Pvt) Ltd.			
	Project: Construction of Multy Storey (High Rise) Com Khayaban-e-Jinnah Raiwind Road, Lahore.	nercial Building Complex at O	PF Housing Schem	е,
	Our Ref. No. CL/CED/ 3398	Dated:	06-11-23	Test Specification
	Your Ref. No. ESC /OPF-ISL/6041	Dated:	30-10-23	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	3	1-10	-23	Tested on:	06-1	1-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	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		27	9	2023	6Diax12		13.4	28.28	71	5624		Non Engraved
2		27	9	2023	6Diax12		13.4	28.28	71	5624		Non Engraved
3		27	9	2023	6Diax12		13.2	28.28	61	4832		Non Engraved
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Witness	Nitnessed by: Nil											

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

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Supervisor (Lab)



**Civil Engineering Department** 

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

6172 Dr. M.Yousaf

То:	Assistant Resident Engineer ES Consultants (Pvt) Ltd.									
	Project: Construction of Multy Storey (High Rise) Comercial Building Complex at OPF Housing Scheme, Khayaban-e-Jinnah Raiwind, Lahore.									
	Our Ref. No. CL/CED/ 3399	Dated:	06-11-23	Test Specification						
	Your Ref. No. ESC /OPF-ISL/6	042 Dated:	30-10-23	(ASTM C39)						

## **COMPRESSION TEST REPORT**



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

Specim	31-10-23 T		-23	Tested on:	06-11-23		in dry/wet condition			ONLINE REPORT		
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		29	9	2023	6Diax12		13.4	28.28	90	7129		Non Engraved
2		29	9	2023	6Diax12		13.4	28.28	80	6337		Non Engraved
3		29	9	2023	6Diax12		13.4	28.28	85	6733		Non Engraved
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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6157 Dr. M.Yousaf

To: Mr. Muhammad Irfan

Material Engineer, Banu Mukhtar Contracting (Pvt) Ltd.

Project: Burj-1 by Ajwa Builders. (Main Building B/02 Zone # 02)

Our Ref. No. CL/	CED/ 3400	Dated:	06-11-23	Test Specification
Your Ref. No.	DOC-BMC/AJWA/121	Dated:	30-10-23	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	pecimens received on:		30-10-23 T		Tested on:	06-11-23		in dry/wet condition			ONLINE REPORT	
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)		Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Col#01 Grid#H/7(6000Psi)	2	10	2023	6Diax12		14	28.28	67	5307		Non Engraved
2	Col#01 Grid#H/7(6000Psi)	2	10	2023	6Diax12		14	28.28	59	4673		Non Engraved
3	Col#01 Grid#H/7(6000Psi)	2	10	2023	6Diax12		14	28.28	61	4832		Non Engraved
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Witnessed by: Nil												

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

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

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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.

Supervisor (Lab)

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



**Civil Engineering Department** 

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

6194 Dr. M.Yousaf

To: Mr. Waqas Ali Variant, 25-t gulberg 2, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 3401	Dated:	06-11-23	Test Specification
Your Ref. No. VA/29/116	Dated:	06-10-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	3-11	-23	Tested on:	06-1	1-23	in dry/wet	t condition			
Sr. No.	Mark*		_	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	4th Floor Column	23	9	2023	6Diax12		14.6	28.28	95	7525		Non Engraved
2	4th Floor Column	23	9	2023	6Diax12		14	28.28	100	7921		Non Engraved
3	4th Floor Columns	23	9	2023	6Diax12		14.4	28.28	101	8000		Non Engraved
4												
5						THE	RING					
6					2	READ IN	2071	<b>_</b>				
7						OF THY UGRD WHO CREATES	زیجب الدی خلق ر	133				
8					188							
9								~				
10					<	-LA	IORE					
11						-						
12												
13												
14												
15												
16												
Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3												

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)



**Civil Engineering Department** 

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

6194 Dr. M.Yousaf

To: Mr. Waqas Ali Variant, 25-t gulberg 2, Lahore.

Project: Nil			
Our Ref. No. CL/CED/ 3402	Dated:	06-11-23	Test Specification
Your Ref. No. VA/29/117	Dated:	06-10-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	3-11-	-23	Tested on:	06-1	1-23	in dry/we	condition			ONLINE REPORT
Sr. No.	Mark*		-	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	4th Floor Column	2	10	2023	6Diax12		14.2	28.28	85	6733		Non Engraved
2	4th Floor Column	2	10	2023	6Diax12		14.4	28.28	77	6099		Non Engraved
3	4th Floor Column	2	10	2023	6Diax12		15	28.28	83	6574		Non Engraved
4												
5						THE	RING					
6							2077					
7						OF THY CORD WHO OREATES	رتی۔ الد کی خلق ر	133				
8					1							
9								~				
10					<	-LA	IORE					
11												
12												
13												
14												
15												
16												
Witnessed by: Mr. Babar Ali, CNIC 35201-9967694-3												

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)



To:

## Plain and Reinforced Concrete Laboratory Civil Engineering Department

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



6186 Dr. M.Yousaf

Test Specification

(ASTM C39)

Mr. Abid Ullah, Deputy Team Leader / Resident Engineer / Project Manager PRSWSS Project - North. Techno - Consult. International (Pvt.) Ltd. Project: Construction of Water Supply and Sewerage System in KLK-01. (Contractor: M/S Tayyab Manzoor Tarar Contractor Pvt. Ltd.) Our Ref. No. CL/CED/ 3403 Dated: 06-11-23

Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-I/081 Dated: 24-10-23

### **COMPRESSION TEST REPORT**



Specim	ens received on:	0	2-11	-23	Tested on:	06-1	11-23	in dry/wet	condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	-	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		12	10	2023	6Diax12		13.8	28.28	63	4990		Engraved
2		12	10	2023	6Diax12		14	28.28	65	5149		Non Engraved
3		12	10	2023	6Diax12		14	28.28	68	5386		Non Engraved
4		24	9	2023	6Diax12		14	28.28	64	5069		Non Engraved
5		24	9	2023	6Diax12	STANE	RI/14	28.28	50	3960		Non Engraved
6		24	9	2023	6Diax12	READ IN	13.8	28.28	52	4119	-	Non Engraved
7						OF THY HORD WHO OREATES	زیجب الذکی خلق ر	i ftt				
8					883			i No,				
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10							IORL.					
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15												
16												
Witnessed by: Nil												

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

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

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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)



**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 the lab for record.

> 6136 Dr. M.Yousaf

To: **Resident Engineer (Civil)** 

Model Bazaar Head Office Building, Mascon Associates Pvt. Ltd. In Association with HA Consulting.

Project: Establishment of Model Bazaar, Head Office Building

Our Ref. No. CL/	CED/ 3404	Dated:	06-11-23	Test Specification
Your Ref. No.	MAC-HAC/23/PMBMC/LT/073	Dated:	23-10-23	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

ONLINE REPORT	in dry/wet condition			06-11-23		Tested on:	25-10-23 Tested		ens received on:	Specim		
Remarks	Water Absorpti on (%)	Ultimate Stress (psi)	Ultimate load (Imp.Tons)	Area of X-Section (Sq. in)	Dry Weight (Kg/ gms)	Wet Weight	Size (in)	Date*	-	Cas DD	Mark*	Sr. No.
Non Engraved		3881	49	28.28	(Rg/ gills) 13.2		6Diax12	2023	9	26	Mumty Slab (3000 Psi)	1
Non Engraved		4990	63	28.28	12.8		6Diax12	2023	9	26	Mumty Slab (3000 Psi)	2
Non Engraved		4832	61	28.28	13.2		6Diax12	2023	9	26	Mumty Slab (3000 Psi)	3
												4
					BIA	<b>WEINE</b>	(					5
						READ N	)					6
					زیجب اندکی خلق ر	OF THY UORD WHO OREATES						7
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				~		10-	3					9
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												11
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												14
												15
												16
												16

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)



**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 the lab for record.

> 6136 Dr. M.Yousaf

To: **Resident Engineer (Civil)** 

Model Bazaar Head Office Building, Mascon Associates Pvt. Ltd. In Association with HA Consulting.

Project: Establishment of Model Bazaar, Head Office Building

Our Ref. No. CL	/CED/ 3405	Dated:	06-11-23	Test Specification
Your Ref. No.	MAC-HAC/23/PMBMC/LT/072	Dated:	23-10-23	(ASTM C39)

### **COMPRESSION TEST REPORT**



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

Specimens received on:		25-10-23 Te		Tested on:	06-11-23		in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*		-	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Water Absorpti on (%)	Remarks
	OHWT Walls	DD		YYYY	( )	(Kg/ gms)	(Kg/ gms)		(Imp.Tons)		. ,	
1	(3000 Psi)	25	9	2023	6Diax12		14	28.28	34	2693		Non Engraved
2	OHWT Walls (3000 Psi)	25	9	2023	6Diax12		14.4	28.28	52	4119		Non Engraved
3	OHWT Walls (3000 Psi)	25	9	2023	6Diax12		14	28.28	62	4911		Non Engraved
4												
5						THINE	RING					
6					>	READ IN	2071					
7						OF THY CORD WHO OREATES	زیجب اندمی خلق ر	133				
8					1							
9								~				
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14												
15												
16												

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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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.



**Civil Engineering Department** 

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

6176 Dr. M.Yousaf

To: Mr. Muhamad Asif Site Incharge, Canal 44 Luxury Apartment

Project: Nil			
Our Ref. No. CL/CED/ 3406	Dated:	06-11-23	Test Specification
Your Ref. No. Nil	Dated:	23-10-23	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimens received on:		01-11-23		-23	Tested on:	06-11-23		in dry/wet 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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1		23	10	2023	6Diax12		14.2	28.28	40	3168		Engraved
2		23	10	2023	6Diax12		14	28.28	24	1901		Engraved
3												
4												
5					<	THE	RING					
6					)	READ IN	2071					
7						OF THY BORD WHC CREATES	رچې ا اند کې خلق ر					
8												
9					2			<b>N</b>				
10					<	/ A	IOR <u>E</u>					
11												
12												
13												
14												
15												
16												
Witnessed by: Nil												

Witnessed by: Nil

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

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

2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption

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

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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



**Civil Engineering Department** 

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

6177 Dr. M.Yousaf

To: Mr. Riaz Ahmad

Rana Associates, Engineers and Contractors

Project: 160-P, Gulberg Lahore.			
Our Ref. No. CL/CED/ 3407	Dated:	06-11-23	Test Specification
Your Ref. No. Nil	Dated:	01-11-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on:			01-11-23		Tested on:	06-11-23		in dry/wet 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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Raft (3000 Psi)	15	10	2023	6Diax12		13	28.28	20	1584		Engraved
2	Raft (3000 Psi)	15	10	2023	6Diax12		14	28.28	46	3644		Engraved
3	Raft (3000 Psi)	15	10	2023	6Diax12		13.2	28.28	24	1901		Engraved
4	Raft (3000 Psi)	15	10	2023	6Diax12		14	28.28	41	3248		Engraved
5						NHNE	RING					
6						READ N	2071					
7						OF THY GRO WHO OREATES	ریجب اندمی خلق ر	I FCH				
8					S.R. 1			i No				
9					2			<b>N</b>				
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15												
16												
Witness	Witnessed by: Nil											

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

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

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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)