

5109 Dr. Asad Gilani

To: **Assistant Resident Engineer** JERS Consultancy (Pvt) Ltd. Lahore. (M/S Chaudhary Enterprises)

Project: PCP (Phase-II) Improvement and Construction of Roads in MC, Muridke.

Our Ref. No. CL	/CED/ 1709	Dated:	13-04-23	Test Specification
Your Ref. No.	488-J01-ARE-2 (MDK-R)/	Dated:	Nil	( )

#### COMPRESSION TEST REPORT

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

Specim	ens received on:	1	2-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			
Sr. No.	Mark*	Cas	ting MM	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sg. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Kerb Stone				6 x 6 x 6		8	36	61	3796		Cut Cube
2												
3												
4							-					
5						ARTHE	RIAR					
6					)	READ IN	ALL T					
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Witness	ed by:											

#### vitnessea 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



# **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 the lab for record.

5109 Dr. Asad Gilani

To: **Assistant Resident Engineer** JERS Consultancy (Pvt) Ltd. Lahore. (M/S Chaudhary Enterprises)

Project: PCP (Phase-II) Improvement and Construction of Roads in MC, Muridke.

Our Ref. No. CL	/CED/ 1710	Dated:	13-04-23	Test Specification
Your Ref. No.	488-J01-ARE-2 (MDK-R)/	Dated:	Nil	( )

## COMPRESSION TEST REPORT

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

Specim	ens received on:	1	2-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			i san sa
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	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3740	29.64	96	7255		
2	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3735	29.64	98	7406		
3	Rectangular, Grey, 80mm				7.8 x 3.8 x 3.1		3675	29.64	104	7860		
4												
5					/	GINE	RIATE					
6					)a	READIN	(ALIAN)					
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14												
15												
16												
Witness	sed hv:											

#### vitnessea 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



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

Test Specification (ASTM C39)

5050 & 5098 Dr. Umbreen

#### To: Ar. Farhan Rasool

Project Architect, BAB (SMC Pvt.) Ltd.

Project: Construction of Mixed Use Building at Noor Jahan Road, Liberty Market, Lahore.

Our Ref. No. CL/C	ED/ 1711	Dated:	13-04-23
Your Ref. No.	BAB/CR/008	Dated:	03-04-23

#### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	3-04	-23	Tested on:	13-0	4-23	in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ qms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Foundation and Column(4000 Psi)	25	3	2023	6Diax12		13	28.28	83	6574		Engraved
2	Foundation and Column(4000 Psi)	25	3	2023	6Diax12		13	28.28	53	4198		Engraved
3	Foundation and Column(4000 Psi)	25	3	2023	6Diax12		13	28.28	63	4990		Engraved
4												
5					/	ARTINE	RIATE					
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16												
Witness	Witnessed by: Engr. M. Jamil Ahmed											

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



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

> 5050 & 5098 Dr. Umbreen

#### To: Ar. Farhan Rasool

Project Architect, BAB (SMC Pvt.) Ltd.

Project: Construction of Mixed Use Building at Noor Jahan Road, Liberty Market, Lahore.

Our Ref. No. CL/C	ED/ 1712	Dated:	13-04-23	Test Specification
Your Ref. No.	BAB/CR/007	Dated:	24-03-23	(ASTM C39)

#### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	3-04	-23	Tested on:	13-0	4-23	in dry/we	t condition			ONLINE REPORT
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	Retaining Wall(4000 Psi)	24	2	2023	6Diax12		13.2	28.28	79	6257		Engraved
2	Retaining Wall(4000 Psi)	24	2	2023	6Diax12		13	28.28	92	7287		Engraved
3	Retaining Wall(4000 Psi)	24	2	2023	6Diax12		12.8	28.28	73	5782		Engraved
4												
5						EINE	RIATE					
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Witness	ed by: Engr. M. Ja	amil	Ahm	ed								

#### nesseu 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



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/	CED/ 1713	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1012	Dated:	03-04-23	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specim	ens received on:	1	0-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
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	(5000 Psi)	21	12	2022	6Diax12		13.6	28.28	87	6891		Non Engraved
2	(5000 Psi)	21	12	2022	6Diax12		13.6	28.28	102	8079		Non Engraved
3	(5000 Psi)	21	12	2022	6Diax12		13.4	28.28	85	6733		Non Engraved
4												
5					/	ARINE	RIAR					
6					>	READ IN	ALC: N					
7						DHE NAME OF THY LORD WHO	14.1	EB				
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10					<	-LA	IONE .					
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13												
14												
15												
16												
Witness	ed by: Engr. Rafi	Ullah	n Baj	wa								

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.



on



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

To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1714	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1011	Dated:	03-04-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on:			10-04-23		Tested on:	13-04-23 in c		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	(5000 Psi)	1	1	2023	6Diax12		12.4	28.28	75	5941		Non Engraved
2	(5000 Psi)	1	1	2023	6Diax12		12.8	28.28	90	7129		Non Engraved
3	(5000 Psi)	1	1	2023	6Diax12		12.6	28.28	90	7129		Non Engraved
4												
5					/	GINE	RIATE					
6					>	T READ W	San Charles					
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9						-	- 6	<b>7</b>				
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13												
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15												
16												
Witness	Witnessed by: Engr. Rafi Ullah Baiwa											

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



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/0	CED/ 1715	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1004	Dated:	03-04-23	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimens received on: 10-04-23			-23	Tested on:	13-0	13-04-23 in dry/wet condition			ONLINE REPORT			
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	(4000 Psi)	19	2	2023	6Diax12		13.6	28.28	119	9426		Non Engraved
2	(4000 Psi)	19	2	2023	6Diax12		14	28.28	74	5861		Non Engraved
3	(4000 Psi)	19	2	2023	6Diax12		14	28.28	78	6178		Non Engraved
4												
5					/	ARINE	RIATE					
6					)	NEAD W	(AUX)					
7						DHE NAME OF THY LORD WHO	14.1	EB				
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9						-	-	<b>7</b>				
10					<	-LA	ORE					
11						I						
12												
13												
14												
15												
16												
Witnessed by: Engr. Rafi Ullah Baiwa												

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







To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1716	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/999	Dated:	03-04-23	( ASTM C39 )

## **COMPRESSION TEST REPORT**

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

Specimens received on: 10-04-23			-23	Tested on:	13-0	13-04-23 in dry/wet condition			ONLINE REPORT			
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	(5000 Psi)	15	2	2023	6Diax12		14	28.28	97	7683		Non Engraved
2	(5000 Psi)	15	2	2023	6Diax12		13	28.28	75	5941		Non Engraved
3	(5000 Psi)	15	2	2023	6Diax12		13.4	28.28	86	6812		Non Engraved
4												
5					/	ARILE	RIATE					
6					)	READ W	(ALK)					
7						DHE NAME OF THY LORD WHO	14.1	EB				
8					188			HND				
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11						-						
12												
13												
14												
15												
16												
Witness	Witnessed by: Engr. Rafi Ullah Baiwa											

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



Mr. Muhammad Shahbaz

Imperium Hospitality Pvt. Ltd.

To:

Project: Nil				
Our Ref. No. CL/C	ED/ 1717	Dated	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1000	Dated	03-04-23	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimens received on: 10-0			0-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
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	(4000 Psi)	16	2	2023	6Diax12		13	28.28	75	5941		Non Engraved
2	(4000 Psi)	16	2	2023	6Diax12		13	28.28	74	5861		Non Engraved
3	(4000 Psi)	16	2	2023	6Diax12		14	28.28	92	7287		Non Engraved
4												
5						RINE	RIATE					
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7					11	DHE NAGAE <u>OE</u> THY LORD VINC		FC				
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13												
14												
15												
16												
Witness	Witnessed by: Engr. Rafi Ullah Baiwa											

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.



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

Engr. Ubaid



Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

To:

Project: Nil				
Our Ref. No. CL/C	ED/ 1718	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1001	Dated:	03-04-23	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimens received on: 10-04-23 Tested on: 13-04-23 in dry/wet condition					ONLINE REPORT							
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	(5000 Psi)	16	2	2023	6Diax12		13.2	28.28	83	6574		Non Engraved
2	(5000 Psi)	16	2	2023	6Diax12		13.2	28.28	102	8079		Non Engraved
3	(5000 Psi)	16	2	2023	6Diax12		13	28.28	51	4040		Non Engraved
4												
5					/	ARILE	RIATE					
6					>	NEAD W	NO.					
7					11	DE NAME OF THY LORD WHO	14.1	EB				
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9							-					
10					<	a LA	INK-					
11						I						
12												
13												
14												
15												
16												
Witness	Witnessed by: Engr. Rafi Ullah Baiwa											

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



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1719	Dated:	13-04-23	<b>Test Specification</b>
Your Ref. No.	IHPL/Con/1002	Dated:	03-04-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 10-04-23			-23	Tested on:	13-0	13-04-23 in dry/wet condition			ONLINE REPORT			
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	(4000 Psi)	17	2	2023	6Diax12		14	28.28	106	8396		Non Engraved
2	(4000 Psi)	17	2	2023	6Diax12		13.8	28.28	96	7604		Non Engraved
3	(4000 Psi)	17	2	2023	6Diax12		13.8	28.28	110	8713		Non Engraved
4												
5					/	ARINE	RIATE					
6					)	NEAD W	(AUX)					
7						DEE NAME OE THY LORD WHO	14.1	EB				
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13												
14												
15												
16												
Witnessed by: Engr. Rafi Ullah Baiwa												

#### witnessed by: Engr. Rafi Ullan Bajwa

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

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.



(\*\*\*\*\*\*\*\*\*\*\*



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1720	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1003	Dated:	03-04-23	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimens received on:		10-04-23		-23	Tested on:	13-04-23 in o		in dry/wet condition				ONLINE REPORT
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	(4000 Psi)	18	2	2023	6Diax12		13.4	28.28	81	6416		Non Engraved
2	(4000 Psi)	18	2	2023	6Diax12		13.4	28.28	80	6337		Non Engraved
3	(4000 Psi)	18	2	2023	6Diax12		13.4	28.28	80	6337		Non Engraved
4							-					
5						RINE	RIATE					
6						READ W						
7						DHE NAME OF THY LORD WHO		E				
8					188							
9												
10						-LA						
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14												
15												
16												
Witnessed by: Engr. Rafi Ullah Baiwa												

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





To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1721	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1005	Dated:	03-04-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on: 10-			10-04-23 Tested on:		13-0	13-04-23 in dry/w		y/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	(5000 Psi)	20	2	2023	6Diax12		13	28.28	65	5149		Non Engraved
2	(5000 Psi)	20	2	2023	6Diax12		13.2	28.28	65	5149		Non Engraved
3	(5000 Psi)	20	2	2023	6Diax12		12.4	28.28	59	4673		Non Engraved
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16												
Witness	Witnessed by: Engr. Rafi Ullah Baiwa											

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



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1722	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1006	Dated:	03-04-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	10-04-23		-23	Tested on:	13-04-23		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	(4000 Psi)	21	2	2023	6Diax12		14	28.28	101	8000		Non Engraved
2	(4000 Psi)	21	2	2023	6Diax12		14	28.28	110	8713		Non Engraved
3	(4000 Psi)	21	2	2023	6Diax12		13.4	28.28	75	5941		Non Engraved
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14												
15												
16												
Witnessed by: Engr. Rafi Ullah Baiwa												

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



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1723	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1007	Dated:	03-04-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on:			10-04-23		Tested on:	13-04-23		in dry/wet condition			ONLINE REPORT	
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	(4000 Psi)	22	2	2023	6Diax12		14	28.28	64	5069		Non Engraved
2	(4000 Psi)	22	2	2023	6Diax12		13.6	28.28	83	6574		Non Engraved
3	(4000 Psi)	22	2	2023	6Diax12		14	28.28	90	7129		Non Engraved
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16												
Witnessed by: Engr. Rafi Ullah Baiwa												

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



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1724	Dated:	13-04-23	<b>Test Specification</b>
Your Ref. No.	IHPL/Con/1008	Dated:	03-04-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specimens received on:			10-04-23 Tested on:		13-04-23 in dry		in dry/we	n dry/wet condition			ONLINE REPORT	
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	(5000 Psi)	22	2	2023	6Diax12		13	28.28	68	5386		Non Engraved
2	(5000 Psi)	22	2	2023	6Diax12		12.8	28.28	62	4911		Non Engraved
3	(5000 Psi)	22	2	2023	6Diax12		12.4	28.28	62	4911		Non Engraved
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Witnessed by: Engr. Rafi Ullah Baiwa												

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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



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1725	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1009	Dated:	03-04-23	( ASTM C39 )

## **COMPRESSION TEST REPORT**

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

Specimens received on: 10			0-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
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	(4000 Psi)	24	2	2023	6Diax12		13.6	28.28	70	5545		Non Engraved
2	(4000 Psi)	24	2	2023	6Diax12		13.4	28.28	86	6812		Non Engraved
3	(4000 Psi)	24	2	2023	6Diax12		13	28.28	69	5465		Non Engraved
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Witnessed by: Engr. Rafi Ullah Baiwa												

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



To: Mr. Muhammad Shahbaz Imperium Hospitality Pvt. Ltd.

Project: Nil				
Our Ref. No. CL/C	ED/ 1726	Dated:	13-04-23	Test Specification
Your Ref. No.	IHPL/Con/1010	Dated:	03-04-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
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	(4000 Psi)	27	2	2023	6Diax12		13	28.28	50	3960		Non Engraved
2	(4000 Psi)	27	2	2023	6Diax12		12.8	28.28	74	5861		Non Engraved
3	(4000 Psi)	27	2	2023	6Diax12		13.4	28.28	85	6733		Non Engraved
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Witness	Witnessed by: Engr. Rafi Ullah Baiwa											

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



To: Eng. Asad Rashid Choudhary, P.E. Speed Construction Management (SCM)

Project: Construction of KIPS School Building at Plot No. 116B Campus View Town Lahore.

Our Ref. No. CL/C	ED/ 1727	Dated:	13-04-23
Your Ref. No.	SCM-CVP-10-23	Dated:	05-04-23

#### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	6-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
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		29	3	2023	6Diax12		14	28.28	55	4356		Non Engraved
2		29	3	2023	6Diax12		13.4	28.28	34	2693		Non Engraved
3		29	3	2023	6Diax12		13.8	28.28	60	4752		Non Engraved
4		29	3	2023	6Diax12		13.6	28.28	55	4356		Engraved
5		29	3	2023	6Diax12	GINE	13.2	28.28	51	4040		Engraved
6		29	3	2023	6Diax12	T READ IN	13.4	28.28	51	4040		Engraved
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Witness	ed 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 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.



Test Specification

(ASTM C39)

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

5067 Engr. Ubaid



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

University of Engineering and Technology, Lahore. Pakistan

Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

5076 Engr. Ubaid

To: Mr. Muhammad Hasnain.

Project Manager, Mall-One, Wazirabad. (M/S Contractor: AA Building Contractors.)

Project: Constru	ction of Mall-ONE, Wazirabad.			
Our Ref. No. CL/	CED/ 1728	Dated:	13-04-23	Test Specification
Your Ref. No.	MOW/02/3123	Dated:	07-04-23	(ASTM C39)

## COMPRESSION TEST REPORT



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

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Specim	ens received on:	0	7-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	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)		
1	(1:1.5:3)	10	2	2023	6Diax12		13	28.28	26	2059		Non Engraved
2	(1:1.5:3)	10	2	2023	6Diax12		13	28.28	52	4119		Non Engraved
3	(1:1.5:3)	10	2	2023	6Diax12		13	28.28	69	5465		Non Engraved
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Witness	ed 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 comprensive strength

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

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



To: Mr. Syed Abdul Jabbar

GM Engineering, Cotton Web Limited.

Project: Construction of Sewage Tank in Cotton Web Limited.

Our Ref. No. CL/C	ED/ 1729	Dated:	13-04-23	Test Specification
Your Ref. No.	Nil	Dated:	31-03-23	(ASTM C39)

## COMPRESSION TEST REPORT

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

Specimo	ens received on:	0	3-04	-23	Tested on:	13-0	4-23	in dry/we	t condition			ONLINE REPORT
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	RCC Slab (4000 Psi)	2	3	2023	6Diax12		13.8	28.28	71	5624		Non Engraved
2	RCC Slab (4000 Psi)	2	3	2023	6Diax12		13.4	28.28	71	5624		Non Engraved
3	RCC Slab (4000 Psi)	2	3	2023	6Diax12		13.8	28.28	75	5941		Non Engraved
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Witness	ed by: Nil											

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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 comprerssive strength

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





To: Mr. Muhammad Asif Canal44 Luxury Apartments.

Project: Nil				
Our Ref. No. CL	/CED/ 1730	Dated:	13-04-23	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:	0	5-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
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		27	3	2023	6Diax12		13	28.28	41	3248		Non Engraved
2		27	3	2023	6Diax12		12.6	28.28	44	3485		Non Engraved
3												
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Witness	ed by: Nil											

#### illiesseu 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







To: Mr. Arif Siddique **Ideal Construction Service** 

Project: Constru	ction of FMH Tower.
Our Ref. No. CL/	CED/ 1731
Your Ref. No.	ICS/786/492

# COMPRESSION TEST REPORT

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

Specim	ens received on:	0	7-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
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		8	3	2023	6Diax12		14	28.28	67	5307		Non Engraved
2		8	3	2023	6Diax12		13	28.28	86	6812		Non Engraved
3		8	3	2023	6Diax12		13.4	28.28	105	8317		Non Engraved
4												
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Witness	ed 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 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.





13-04-23 05-04-23

Dated:

Dated:



To: Mr. Arif Siddique Ideal Construction Service

> Project: Construction of FMH Tower. Our Ref. No. CL/CED/ 1732 Your Ref. No. ICS/786/491

#### 13-04-23 03-04-23

Dated:

Dated:

Test Specification

(ASTM C39)



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

COMPRESSION TEST REPORT

Specim	ens received on:	0	7-04	-23	Tested on:	13-0	94-23	in dry/we	t condition			ONLINE REPORT
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		4	3	2023	6Diax12		13	28.28	65	5149		
2		4	3	2023	6Diax12		13.2	28.28	74	5861		
3		4	3	2023	6Diax12		13.2	28.28	70	5545		
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Witness	ed 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 comprensive strength

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



# 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.

5054 Engr. Ubaid

- To: Mr. Awais Mushtag, XEN
  - GE (AIR), Lahore.

Project: Construction of Swimming Pool in PAF Officers Colony at PAF Base Lahore.

Our Ref. No. CL	/CED/ 1733-1 of 2	Dated:	13-04-23	Test Specification
Your Ref. No.	6800/16/E6	Dated:	14-02-23	(ASTM C39)

## COMPRESSION TEST REPORT



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

Specim	ens received on:	0	4-04	-23	Tested on:	13-0	)4-23	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	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	Pouring of Bed (4000 Psi)	17	1	2023	6Diax12		13	28.28	58	4594		Non Engraved
2	Pouring of Bed (4000 Psi)	17	1	2023	6Diax12		12.4	28.28	77	6099		Non Engraved
3	Pouring of Wall (4000 Psi)	12	1	2023	6Diax12		13.8	28.28	61	4832		Non Engraved
4	Pouring of Wall (4000 Psi)	12	1	2023	6Diax12		12.6	28.28	67	5307		Non Engraved
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Witness	ed 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



Project: Construction of Bachelor Accommodation	and Judicial Rest House at I	Dharampura District,	
Lahore. Our Ref. No. CL/CED/ 1734	Dated:	13-04-23	Test Specification
Your Ref. No. No.2938	Dated:	27-03-23	(ASTM C39)

#### COMPRESSION TEST REPORT

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

Specim	ens received on:	0	3-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			
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	Footing Beam (3000 Psi)	25	2	2023	6Diax12		13	28.28	74	5861		Non Engraved
2	Footing Beam (3000 Psi)	25	2	2023	6Diax12		13.2	28.28	86	6812		Non Engraved
3	Footing Beam (3000 Psi)	25	2	2023	6Diax12		13	28.28	72	5703		Non Engraved
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Witness	ed 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 comprensive strength

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



Project: Construction of Bachelor Accommodation	on and Judicial Rest House at D	)harampura District,
Lahore. Our Ref. No. CL/CED/ 1735	Dated:	13-04-23
Your Ref. No. No.2940	Dated:	27-03-23

#### **COMPRESSION TEST REPORT**



Test Specification (ASTM C39)

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

Specim	ens received on:	0	3-04	-23	Tested on:	13-0	)4-23	in dry/we	t condition			ONLINE REPORT
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	Footing Beam (3000 Psi)	26	2	2023	6Diax12		13	28.28	79	6257		Non Engraved
2	Footing Beam (3000 Psi)	26	2	2023	6Diax12		12.4	28.28	77	6099		Non Engraved
3	Footing Beam (3000 Psi)	26	2	2023	6Diax12		13	28.28	81	6416		Non Engraved
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Witness	ed 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 comprensive strength

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

	Plain and Reinforced Co Civil Engineering Dep University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	pncrete Laboratory partment gy, Lahore. Pakistan Mobile: 0307-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
			5062 Dr. M. Yousaf
o: Projec Baig C	t Manager construction Co.		

Project: Construction of Chohan Hospital Jail Road, Lahore.

Our Ref. No. CL/	CED/ 1736	Dated:	13-04-23	Test Specification
Your Ref. No.	BCC/UET/20230404	Dated:	04-04-23	(ASTM C39)

## **COMPRESSION TEST REPORT**

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

Specim	ens received on:	0	5-04	-23	Tested on:	06-0	4-23	in dry/we	t condition			ONLINE REPORT
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	Column (4500 Psi)	12	3	2023	6Diax12		13.8	28.28	69	5465		Non Engraved
2	Column (4500 Psi)	12	3	2023	6Diax12		13.8	28.28	60	4752		Non Engraved
3	Column (4500 Psi)	12	3	2023	6Diax12		13.8	28.28	68	5386		Non 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 C Civil Engineering De University of Engineering and Techno Landline: 042-99029245 & 042-99029202	ORIGINAL A carbon copy for the report has been retained in the lab for record.	
Го: Proiec	t Manager		5062 Dr. M. Yousaf
Baig C	construction Co.		

Project: Construction of Chohan Hospital Jail Road, Lahore.

Our Ref. No. CL/	CED/ 1737	Dated:	13-04-23	Test Specification
Your Ref. No.	BCC/UET/20230404	Dated:	04-04-23	(ASTM C39)

#### **COMPRESSION TEST REPORT**

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

Specimens received on:		05-04-23		-23	Tested on:	06-04-23		in dry/wet condition				ONLINE REPORT
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	Retaining Wall (3000 Psi)	14	3	2023	6Diax12		13.6	28.28	43	3406		Non Engraved
2	Retaining Wall (3000 Psi)	14	3	2023	6Diax12		13.4	28.28	41	3248		Non Engraved
3	Retaining Wall (3000 Psi)	14	3	2023	6Diax12		13.6	28.28	41	3248		Non Engraved
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Witnessed by: Nil												

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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

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



Project: Construction of Chohan Hospital Jail Road, Lahore.

Our Ref. No. CL/C	ED/ 1738	Dated:	13-04-23	Test Specification
Your Ref. No.	BCC/UET/20230404	Dated:	04-04-23	( ASTM C39 )

#### COMPRESSION TEST REPORT

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

Specimens received on:			05-04-23 Te		Tested on:	13-04-23		in dry/wet condition				ONLINE REPORT
Sr. No.	. Mark*		Casting 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	Water Tank (300 Psi)	D 17	3	2023	6Diax12		13.6	28.28	55	4356		Non Engraved
2	Water Tank (300 Psi)	D 17	3	2023	6Diax12		13.4	28.28	39	3089		Non Engraved
3	Water Tank (300 Psi)	17	3	2023	6Diax12		13.6	28.28	51	4040		Non Engraved
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Witnessed by: Nil												

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

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



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

•	Assistant Engin									
	Building and W	orks Department, UET, Lahore.								
	Project: Construction of Upper Floor of Existing Building of "Building and Works Department" Main									
	Campus UET, Lahore.									
	Our Ref. No. CL	/CED/ 1739	Dated:	13-04-23						
	Your Ref. No.	B&W/EBW/04	Dated:	05-04-23						

## COMPRESSION TEST REPORT



Test Specification (BS 3921\*\*)

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

Specimens received on:		06-04-23		-23	Tested on:	13-04-23		in dry/wet condition				
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Sectior	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	D MM YYYY		(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	011 (70)	
1	ABC				8.9 x 4.3 x 2.7	3375	3000	38.27	49	2868	12.5	
2	ABC				8.8 x 4.3 x 2.9	3520	3075	37.84	50	2960	14.47	
3	ABC				8.9 x 4.2 x 2.9	3410	2975	37.38	47	2816	14.62	
4	ABC				8.9 x 4.2 x 2.9	3500	3065	37.38	50	2996	14.19	
5	ABC				9 x 4.4 x 3	3690	3195	39.6	39	2206	15.49	
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Witness	Witnessed by: Mr. M. Shahzaib, CNIC # 36102-4588156-9											

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

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