

Engr. Zahid Nisar Hashmi
Head / Manager Projects, Shaukat Khanum Memorial Trust, Lahore.

Project: Constrution of Multi-Storied Parking Garage SKMCH&RC, Lahore.

Our Ref. No. CL/	CED/ 8768	Dated:	13-05-22	Test Specification
Your Ref. No.	SKM/PG/UET/04/05	Dated:	19-04-22	( BS 3921** )

#### COMPRESSION TEST REPORT

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

Specim	imens received on: 19-04-22 Tested on: 12-05-22 in dry/wet condition		Tested on:	in dry/we	t condition			ONLINE REPORT				
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	ММ	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Α				8.7 x 4.3 x 3.1	3870	3345	37.41	45	2694	15.7	
2	А				8.8 x 4.2 x 3.1	3540	3130	36.96	53	3212	13.1	
3	А				8.8 x 4.3 x 3.1	3840	3310	37.84	45	2664	16.01	
4	А				8.9 x 4.3 x 3	3665	3190	38.27	51	2985	14.89	
5	А				8.9 x 4.3 x 3.1	3720	3240	38.27	45	2634	14.81	
6	MS				8.8 x 4.2 x 2.9	3600	3235	36.96	55	3333	11.28	
7	MS				8.9 x 4.3 x 3	3550	3180	38.27	47	2751	11.64	
8	MS				8.8 x 4.2 x 2.9	3695	3225	36.96	41	2485	14.57	
9	MS				8.9 x 4.4 x 2.9	3735	3235	39.16	49	2803	15.46	
10	MS				9 x 4.4 x 2.9	3775	3225	39.6	35	1980	17.05	
11												
12												
13												
14												
15												
16												
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



Sub Divisional Officer		
Buildings Sub Division No.2, Lahore.		
Project: Reconstruction of 6-No Classrooms, Stair Case at Govt. Gi Samanabad Lahore.	rls Higher Seco	ndary School
Our Ref. No. CL/CED/ 8769	Dated:	13-05-22
Your Ref. No. 1083/2nd	Dated:	11-04-22

### COMPRESSION TEST REPORT

Test Specification (BS 3921\*\*)

ORIGINAL

3185 Dr. Umbreen

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

Specim	ens received on:	2	5-04	-22	Tested on:	12-0	)5-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*		-	Date*	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)			Water Absorpti on (%)	Remarks
1	K-3				9 x 4.3 x 3		3315	38.7	33	1910		
2	K-3				9 x 4.3 x 2.9		3195	38.7	41	2373		
3	K-3				8.8 x 4.1 x 2.8		3250	36.08	53	3290		
4	K-3				9.1 x 4.2 x 3		3200	38.22	37	2168		
5	K-3				9 x 4.2 x 3	RINE	3305	37.8	43	2548		
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Witness	sed by:											

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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 compressive strength

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



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

3161 Dr. Mazhar

To: (Sh. Muhammad Tarig), Engineer REC The Help Care Society (TAC).

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town, Lahore.

Our Ref. No. CL	/CED/ 8770	Dated:	13-05-22	Test Specification
Your Ref. No.	JTC EXT-15	Dated:	20-04-22	(ASTM C39)

#### COMPRESSION TEST REPORT



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

Specim	ens received on:	2	0-04	-22	Tested on:	11-0	)5-22	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)			Water Absorpti on (%)	Remarks
1	G/F Floor Slab	19	3	2022	6Diax12		14	28.28	51	4040		Non Engraved
2	G/F Floor Slab	19	3	2022	6Diax12		13.8	28.28	47	3723		Non Engraved
3	G/F Floor Slab	19	3	2022	6Diax12		13.4	28.28	51	4040		Non Engraved
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Witness	ed by:											

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

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

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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

3161 Dr. Mazhar

To: (Sh. Muhammad Tariq), Engineer REC The Help Care Society (TAC).

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town, Lahore.

Our Ref. No. CL	/CED/ 8771	Dated:	13-05-22	Test Specification
Your Ref. No.	JTC EXT-16	Dated:	20-04-22	(ASTM C39)

#### COMPRESSION TEST REPORT

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

Specim	ens received on:	2	0-04	-22	Tested on:	11-0	)5-22	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)			Water Absorpti on (%)	Remarks
1	2nd Floor Column	13	4	2022	6Diax12		13.4	28.28	55	4356		Non Engraved
2	2nd Floor Column	13	4	2022	6Diax12		13	28.28	35	2772		Non Engraved
3	2nd Floor Column	13	4	2022	6Diax12		13.4	28.28	63	4990		Non Engraved
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16												
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

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



Plain and Reinforced Concrete Labora	itory
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.

> 3186 Dr. Mazhar

To: (Sh. Muhammad Tariq), Engineer REC The Help Care Society (TAC).

Project: Construction of Extension Block (The Help Care Society) TAC School Johar Town, Lahore.

Our Ref. No. CL	/CED/ 8772	Dated:	13-05-22	Test Specification
Your Ref. No.	JTC EXT-17	Dated:	22-04-22	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	2	5-04	-22	Tested on:	11-0	5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	1st Floor Column	26	3	2022	6Diax12		13.4	28.28	29	2297		Non Engraved
2	1st Floor Column	26	3	2022	6Diax12		13	28.28	69	5465		Non Engraved
3	1st Floor Column	26	3	2022	6Diax12		13.4	28.28	39	3089		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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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

		Plain and Reinforced Co Civil Engineering Dep University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	partment	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
					3153 Dr. Mazhar
To:		l. (R) Ubaid ur Rehman JV) PEC Building Project			
	Projec	t: Construction of PEC Regional Office, Lahore.			
	Our Re	ef. No. CL/CED/ 8773	Dated:	13/5/2022	<b>Test Specification</b>

Your Ref. No.	901/NLC-TD(JV)/PEC/623	Dated:	18/4/2022

### **COMPRESSION TEST REPORT**

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

Specimens received on: 19/4/2022 Tested on: 11-05-22 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)			Water Absorpti on (%)	Remarks
1	Top Lower Lift Wall # 1701	22	3	2022	6Diax12		12.4	28.28	59	4673		Non Engraved
2	Top Lower Lift Wall # 1704	22	3	2022	6Diax12		13	28.28	96	7604		Non Engraved
3	Top Lower Lift Wall # 1707	22	3	2022	6Diax12		13	28.28	49	3881		Non Engraved
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Witness	sed by:											

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

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

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.



Test Specification (ASTM C39)

		Universit	and Reinforced Control	partment	stan	tory	ORIGINAL A carbon copy for the report has been retained in the lab for record.
							3153 Dr. Mazhar
To:		. (R) Ubaid ur R JV) PEC Buildin					
	Projec	t: Construction	of PEC Regional Office, Lahore.				
	Our Re	ef. No. CL/CED/	8774	Date	d:	13/5/2022	Test Specification

Your Ref. No.	901/NLC-TD(JV)/PEC/624	Dated:	18/4/2022

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	19	9/4/2	022	Tested on:	11-0	)5-22	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 Ioad (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Elevation Box Top Slab # 1712	22	3	2022	6Diax12		13.2	28.28	69	5465		Non Engraved
2	Elevation Box Top Slab # 1715	22	3	2022	6Diax12		12.8	28.28	69	5465		Non Engraved
3	Elevation Box Top Slab # 1718	22	3	2022	6Diax12		12.8	28.28	61	4832		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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(ASTM C39)

		Universit	and Reinforced C Civil Engineering D by of Engineering and Techno -99029245 & 042-99029202	epartmen ology, Lahore.	t	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
							3153 Dr. Mazhar
To:		. (R) Ubaid ur R JV) PEC Buildin					
	Projec	t: Construction	of PEC Regional Office, Lahore				
	Our Re	ef. No. CL/CED/	8775		Dated:	13/5/2022	<b>Test Specification</b>

Your Ref. No. 901/NLC-TD(JV)/PEC/625 Dated: 18/4/2022	Your Ref. No.	901/NLC-TD(JV)/PEC/625	Dated:	18/4/2022	
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### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	19	9/4/2	022	Tested on:	11-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	Top Projection Wall # 1720	24	3	2022	6Diax12		13	28.28	67	5307		Non Engraved
2	Top Projection Wall # 1724	24	3	2022	6Diax12		13	28.28	94	7446		Non Engraved
3	Top Projection Wall # 1727	24	3	2022	6Diax12		13	28.28	63	4990		Non Engraved
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(ASTM C39)

		Universit	and Reinforced C Civil Engineering and Techno -99029245 & 042-99029202	epartmen logy, Lahore. 1	t	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
							3153 Dr. Mazhar
To:		. (R) Ubaid ur R JV) PEC Buildin					
	Projec	t: Construction	of PEC Regional Office, Lahore				
	Our Re	ef. No. CL/CED/	8776		Dated:	13/5/2022	<b>Test Specification</b>

Dated:

18/4/2022

(ASTM C39)

COMPRESSION TEST REPORT	

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

901/NLC-TD(JV)/PEC/622

Specimens received on: 19/4/2022 Tested on: 11-05-22 in dry/wet condition												
Specim	ens received on:	1	9/4/2	022	Tested on:	11-0	15-22	in ary/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	8th F. Projection W. Part-1 # 1692	21	3	2022	6Diax12		13	28.28	71	5624		Non Engraved
2	8th F. Projection W. Part-1 # 1694	21	3	2022	6Diax12		13	28.28	65	5149		Non Engraved
3	8th F. Projection W. Part-1 # 1697	21	3	2022	6Diax12		13	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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Your Ref. No.

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



3210 Dr. Mazhar

Test Specification (ASTM C39)

ORIGINAL

To: **Muhammad Imran Khan** 

Material Engineer ECSP Pipal House A-Block

Project: Reconstruction of Pipal House A-Block Lahore. (M/s Uni Build Associates Pvt. Ltd).

Our Ref. No. CL/	CED/ 8777	Dated:	13/5/2022
Your Ref. No.	343/ECSP/PH/ME/18	Dated:	23/4/2022

### COMPRESSION TEST REPORT

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

Specim	ens received on:	27	7/4/2	022	Tested on:	11-0	)5-22	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)			Water Absorpti on (%)	Remarks
1	6th Floor Roof Slab	26	3	2022	6Diax12		13.4	28.28	49	3881		Engraved
2	6th Floor Roof Slab	26	3	2022	6Diax12		13.4	28.28	49	3881		Engraved
3	6th Floor Roof Slab	26	3	2022	6Diax12		13.4	28.28	47	3723		Engraved
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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



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

> 3215 Dr. Mazhar

ORIGINAL

#### To: Amein Uddin

PM Project, Majeed Associates (Pvt) Ltd.

Project: Construction of ABL Bank Branch Bahria Town Orchard, Lahore. (Tetra Ready Mix).

Our Ref. No. CL/CED/ 8778	Dated:	13/5/2022	<b>Test Specification</b>
Your Ref. No. Nil	Dated:	Nil	(ASTM C39)

#### COMPRESSION TEST REPORT

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

Specim	ens received on:	28	8/4/2	022	Tested on:	11-05-22		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 Stress (psi)	Water Absorpti on (%)	Remarks
1	1st Floor Roof Slab (3000 psi) 1st Floor Roof Slab	18	4	2022	6Diax12		13.2	28.28	35	2772		Non Engraved
2	1st Floor Roof Slab (3000 psi)	18	4	2022	6Diax12		13	28.28	33	2614		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 comprerssive strength

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





**Civil Engineering Department** 

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

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the report has
been retained in
the lab for record.

3239 Dr. Rizwan Riaz

#### To: Faisal Waseem

Manager: Projects , for Ittefaq Construction Associates.

Project: Respected Faizan Liaqat Sb. (Site: 330-R, Johar Town, Lahore.)

Our Ref. No. CL/CED/ 8779	Dated:	13/5/2022	Test Specification
Your Ref. No. ICA/FLS/01	Dated:	10-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	in dry/we	t condition			ONLINE REPORT
Mark*		-		Size (in)	Wet Weight (Ka/ ams)			load	Stress	Water Absorpti on (%)	Remarks
Foundation Concrete	21	4	2022	6Diax12		12.2	28.28	33	2614		Non Engraved
Foundation Concrete	21	4	2022	6Diax12		12.6	28.28	31	2455		Non Engraved
				/	RINE	RIATE					
				- >	I NEAD W						
					DHE NAME <u>OE</u> THY LORD WHO	14	EC				
				4.81			IN ONN				
					~						
				<	-4	IORE					
	Foundation           Concrete           Foundation           Concrete	Mark*         Case           DD         DD           Foundation         21           Foundation         1           Foundation         1	Mark*         Casting           DD         MM           Foundation Concrete         21         4           Foundation Concrete         21         4           Foundation Concrete         21         4	Mark*         Casting Date*           DD         MM YYYY           Foundation Concrete         21         4         2022           Foundation Concrete         21         4         2022           Image: Second concrete         Image: Second concrete         Image: Second concrete         Image: Second concrete           Image: Second concrete         Image: Second concrete         Image: Second concrete         Image: Second concrete           Image: Second concrete         Image: Second concrete         Image: Second concrete         Image: Second concrete         Image: Second concrete           Image: Second concrete         Image: Second concre         Image: Second concrete         <	Mark*         Casting Date*         Size           DD         MM YYYY         (in)           Foundation Concrete         21         4         2022         6Diax12           Foundation Concrete         21         4         2022         6Diax12	Mark*         Casting Date*         Size         Wet Weight           DD         MM YYYY         (in)         (Kg/gms)           Foundation Concrete         21         4         2022         6Diax12            Foundation Concrete         21         4         2022         6Diax12            Foundation Concrete         21         4         2022         6Diax12            Foundation Concrete         21         4         2022         6Diax12	Mark*         Casting Date*         Size         Wet Weight         Dry Weight           DD         MM YYYY         (in)         (Kg/ gms)         (Kg/ gms)           Foundation Concrete         21         4         2022         6Diax12          12.2           Foundation Concrete         21         4         2022         6Diax12          12.2           Foundation Concrete         21         4         2022         6Diax12          12.6               12.6          12.6                12.6                 12.6                 12.6	Mark*         Casting Date*         Size         Wet Weight Weight Correction (Kg/gms)         Area of X-Section (Sq. in)           Foundation Concrete         21         4         2022         6Diax12          12.2         28.28           Foundation Concrete         21         4         2022         6Diax12          12.6         28.28           Foundation Concrete         21         4         2022         6Diax12          12.6         28.28               12.6         28.28	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section load         Ultimate load           Foundation Concrete         21         4         2022         6Diax12          12.2         28.28         33           Foundation Concrete         21         4         2022         6Diax12          12.2         28.28         33           Foundation Concrete         21         4         2022         6Diax12          12.6         28.28         31              12.6         28.28         31	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of X-Section load         Ultimate Stress (ps)           Foundation Concrete         21         4         2022         6Diax12          12.2         28.28         33         2614           Foundation Concrete         21         4         2022         6Diax12          12.6         28.28         33         2614           Foundation Concrete         21         4         2022         6Diax12          12.6         28.28         31         2455  <	Mark*         Casting Date*         Size         Wet Weight (Kg/gms)         Dry Weight (Kg/gms)         Area of (Kg/gms)         Ultimate Ioad         Water Absorption (%)           Foundation Concrete         21         4         2022         6Diax12          12.2         28.28         33         2614            Foundation Concrete         21         4         2022         6Diax12          12.6         28.28         31         2455                12.6         28.28         31         2455

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 Con Civil Engineering Depa University of Engineering and Technolog Landline: 042-99029245 & 042-99029202	artment	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
				3211 Dr. Mazhar
	/luhammad Saleem, G.M Professional Construction Services (Pvt) Ltd.			
(	Project: Construction of TCF Secondary School UC#59 Ra Gujranwala. Dur Ref. No. CL/CED/ 8780	amdas Thatta Ghulab S Dated:	Singh Kamokey, 13/5/2022	

Our Rei. No. CL/	CED/ 0/00	Dated	u: 13/5/2022	
Your Ref. No.	PCS/22/Eng-43	Dated	d: 27/4/2022	

#### **COMPRESSION TEST REPORT**

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

Specime	ens received on:	2	7/4/2	022	Tested on:	11-0	5-22	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)		Water Absorpti on (%)	Remarks
1	Footing 1: 2: 4	30	3	2022	6Diax12		13	28.28	69	5465		Non Engraved
2												
3												
4												
5					/	GINE	RIATE					
6					>	I NEAD W	200					
7						DHE NAME OF THY LORD WHO	-4					
8					4.81			H Na				
9							-	<b>N</b>				
10					<	-//	IDRE .					
11												
12												
13												
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)

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.

(ASTM C39)

	Plain and Reinforced Cor Civil Engineering Depa University of Engineering and Technology Landline: 042-99029245 & 042-99029202	irtment	5	ORIGINAL A carbon copy for the report has been retained in the lab for record.
				3211 Dr. Mazhar
To:	Muhammad Saleem, G.M Professional Construction Services (Pvt) Ltd.			
	Project: Construction of TCF Secondary School UC#59 Ra Gujranwala Our Ref. No. CL/CED/ 8781	mdas Thatta Ghulab S Dated:	Singh Kamokey, 13/5/2022	Test Specification

Your Ref. No.	PCS/22/Eng-43-A	Dated:	27/4/2022

#### **COMPRESSION TEST REPORT**

(ASTM C39)

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

Specim	ens received on:	2	7/4/2	022	Tested on:	11-0	5-22	in dry/we	t condition			
Sr. No.	Mark*		-	Date* 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	Footing 1: 2: 4	30	3	2022	6Diax12		13	28.28	63	4990		Non Engraved
2												
3												
4												
5					/	GINE	ERIATE					
6					>	I HEAD N						
7						DHE NAME OF THY LORD WHO	- F	EB				
8					4.81			H Ma				
9							- 2					
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11												
12												
13												
14												
15												
16												
Witness	ed by:											

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

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

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

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

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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



**Civil Engineering Department** 

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

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/0	CED/ 8782	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/771	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	in dry/we	t 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	6000 Psi	8	4	2022	6Diax12		13.4	28.28	81	6416		Non Engraved
2	6000 Psi	8	4	2022	6Diax12		14	28.28	75	5941		Non Engraved
3	6000 Psi	8	4	2022	6Diax12		13.4	28.28	71	5624		Non Engraved
4							-					
5						AHIE	RIAR					
6					)	READ IN	ALL T					
7					41	DHE NAME OF THY LORD WHO		E .				
8					188			HN0				
9							-					
10					- <	-LA	IONE .					
11												
12												
13												
14												
15												
16												
<b>Witness</b>	ed by: Engr. Rafi	Ullah	n Baj	wa an	d Engr. Ali Has	snain Khar	<u></u> ו					

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



**Civil Engineering Department** 

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

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/0	CED/ 8783	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/770	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	7	4	2022	6Diax12		13.4	28.28	69	5465		Non Engraved
2	4000 Psi	7	4	2022	6Diax12		13.2	28.28	69	5465		Non Engraved
3	4000 Psi	7	4	2022	6Diax12		13.4	28.28	69	5465		Non Engraved
4												
5					/	GINE	RIATE					
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7						DHE NHOLE COE THY LORD WHO	4	E				
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13												
14												
15												
16												
Witness	sed by: Engr. Rafi	Ullah	n Baj	wa an	d Engr. Ali Has	nain Khar	ı					

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



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

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he lab for record.

t

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8784	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/769	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	5-22	in dry/we	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	6000 Psi	6	4	2022	6Diax12		16	28.28	94	7446		Non Engraved
2	6000 Psi	6	4	2022	6Diax12		13.5	28.28	83	6574		Non Engraved
3	6000 Psi	6	4	2022	6Diax12		14	28.28	69	5465		Non Engraved
4												
5					/	EINE	RIATE					
6					>	E HEAD IN						
7						DHE NHOLE OF THY LORD VIND	149	EB				
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11												
12												
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14												
15												
16												
Witness	sed by: Engr. Rafi	Ullah	n Baj	wa an	d Engr. Ali Has	nain Khar						

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



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

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been retained in
he lab for record.

t

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8785	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/768	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	6000 Psi	5	4	2022	6Diax12		14.2	28.28	88	6970		Non Engraved
2	6000 Psi	5	4	2022	6Diax12		14	28.28	86	6812		Non Engraved
3	6000 Psi	5	4	2022	6Diax12		14	28.28	83	6574		Non Engraved
4												
5						RINE	RIATE	-				
6					>	T READ IN						
7						DHE NHORE OF THY LORD WHO	143	EB				
8					4.81			H				
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10					<	-14	ORE					
11												
12												
13												
14												
15												
16												
Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan												

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



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

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

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8786	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/767	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	6000 Psi	4	4	2022	6Diax12		14	28.28	81	6416		Non Engraved
2	6000 Psi	4	4	2022	6Diax12		13.6	28.28	71	5624		Non Engraved
3	6000 Psi	4	4	2022	6Diax12		14	28.28	75	5941		Non Engraved
4												
5					/	GINE	RIATE					
6					)	NEAD W	ALK D					
7						DHE NACKE CE THY LORD WHO	193 <u></u>	FB				
8					4.81			H Na				
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11												
12												
13												
14												
15												
16												
Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan												

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



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

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

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8787	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/766	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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)			Water Absorpti on (%)	Remarks
1	6000 Psi	3	4	2022	6Diax12		14	28.28	83	6574		Non Engraved
2	6000 Psi	3	4	2022	6Diax12		14	28.28	83	6574		Non Engraved
3	6000 Psi	3	4	2022	6Diax12		13.2	28.28	77	6099		Non Engraved
4												
5						RINE	RIATE	-				
6					>	T READ IN						
7						DHE NHOLE OF THY LORD WHO	14.9	FC				
8					SB 			i Ma				
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10						- [A						
11							-					
12												
13												
14												
15												
16												
Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan												

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.

#### Director/Dy. Director Concrete Laboratory



**Civil Engineering Department** 

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

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8788	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/765	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	3	4	2022	6Diax12		13.4	28.28	69	5465		Non Engraved
2	4000 Psi	3	4	2022	6Diax12		13.4	28.28	73	5782		Non Engraved
3	4000 Psi	3	4	2022	6Diax12		13.4	28.28	73	5782		Non Engraved
4												
5					/	GEINE	RIATE					
6					)	NEAD W						
7						DHE NAME CE THY LORD WHO	14	EC				
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13												
14												
15												
16												
Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan												

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



**Civil Engineering Department** 

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

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/CED/	8789	Dated:	13/5/2022	Test Specification
Your Ref. No. IHI	PL/Con/764	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	6000 Psi	2	4	2022	6Diax12		14	28.28	73	5782		Non Engraved
2	6000 Psi	2	4	2022	6Diax12		13.4	28.28	71	5624		Non Engraved
3	6000 Psi	2	4	2022	6Diax12		13.4	28.28	71	5624		Non Engraved
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Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan												

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



**Civil Engineering Department** 

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

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8790	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/763	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	6000 Psi	1	4	2022	6Diax12		14	28.28	69	5465		Non Engraved
2	6000 Psi	1	4	2022	6Diax12		13.4	28.28	65	5149		Non Engraved
3	6000 Psi	1	4	2022	6Diax12		14	28.28	83	6574		Non Engraved
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Witness	Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan											

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



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.

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8791	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/762	Dated:	09-05-22	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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)			Water Absorpti on (%)	Remarks
1	4000 Psi	1	4	2022	6Diax12		13	28.28	63	4990		Non Engraved
2	4000 Psi	1	4	2022	6Diax12		13.2	28.28	67	5307		Non Engraved
3	4000 Psi	1	4	2022	6Diax12		13.2	28.28	88	6970		Non Engraved
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Witness	Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan											

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.

#### Director/Dy. Director Concrete Laboratory



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

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been retained in
he lab for record.

3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil			
Our Ref. No. CL/CED/ 8792	Dated:	13/5/2022	Test Specification
Your Ref. No. IHPL/Con/761	Dated:	18/4/2022	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	30	3	2022	6Diax12		13.6	28.28	67	5307		Non Engraved
2	4000 Psi	30	3	2022	6Diax12		13.2	28.28	79	6257		Non Engraved
3	4000 Psi	30	3	2022	6Diax12		13.4	28.28	63	4990		Non Engraved
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Witness	Witnessed by: Engr. Rafi Ullah Bajwa and Engr. Ali Hasnain Khan											

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



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

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3238 Dr. Umbreen

To: Muhammad Shahbaz

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8793	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/759	Dated:	18/4/2022	(ASTM C39)

### **COMPRESSION TEST REPORT**

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

Specimo	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	4000 Psi	29	3	2022	6Diax12		14	28.28	73	5782		Non Engraved
2	4000 Psi	29	3	2022	6Diax12		13.4	28.28	65	5149		Non Engraved
3	4000 Psi	29	3	2022	6Diax12		13.2	28.28	67	5307		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



3238 Dr. Umbreen

Mobile: 0307-0496895

To: **Muhammad Shahbaz** 

For and behalf of Imperium Hospitality (Pvt) Ltd

Project: Nil				
Our Ref. No. CL/	CED/ 8794	Dated:	13/5/2022	Test Specification
Your Ref. No.	IHPL/Con/760	Dated:	18/4/2022	(ASTM C39)

### COMPRESSION TEST REPORT

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

Specim	ens received on:	1	0-05	-22	Tested on:	12-0	)5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	6000 Psi	29	3	2022	6Diax12		14	28.28	79	6257		Non Engraved
2	6000 Psi	29	3	2022	6Diax12		14	28.28	83	6574		Non Engraved
3	6000 Psi	29	3	2022	6Diax12		13.6	28.28	67	5307		Non Engraved
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Witness	sed by: Engr. Rafi	Ullah	Baj	wa an	d Engr. Ali Has	nain Khar	1					

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



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the lab for record.										

3171 Dr. Mazhar

To: **Sub Divisional Officer** 

**Buildings Sub Division No. 12 Lahore.** 

Project: Establishment of Government Technical Training Institute for Women, Sabzazar District Lahore.

Our Ref. No. CL/CED/ 8795	Dated:	13-05-22	Test Specification
Your Ref. No. No. 153	Dated:	18-04-22	( BS 3921** )

#### COMPRESSION TEST REPORT



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

Specim	2	1-04	-22	Tested on:	11-0	)5-22	in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section		Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	RA				8.9 x 4.2 x 2.9		3365	37.38	47	2816		
2	RA				8.9 x 4.4 x 2.9		3155	39.16	35	2002		
3	RA				9 x 4.2 x 3		3215	37.8	49	2904		
4	RA				9 x 4.4 x 2.7		3260	39.6	49	2772		
5	RA				8.9 x 4.4 x 3	HINE	3430	39.16	19	1087		
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Witness	sed 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



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

> 3170 Dr. Mazhar

#### To: **Sub Divisional Officer**

**Buildings Sub Division No. 15 Lahore.** 

Project: Forest Complex at Ravi Road Lahore (ADP No. 6621/2021-22), (Group # 1)

Our Ref. No. CL/CED/ 8796	Dated:	13/5/2022	Test Specification
Your Ref. No. No. 1693	Dated:	18/4/2022	( BS 3921** )

#### COMPRESSION TEST REPORT

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

Specim	ens received on:	2 <sup>.</sup>	1/4/2	022	Tested on:	11-0	5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	RA				8.9 x 4.4 x 3		3330	39.16	53	3032		
2	RA				8.9 x 4.3 x 3		3210	38.27	49	2868		
3	RA				9 x 4.4 x 3		3355	39.6	51	2885		
4	RA				8.9 x 4.4 x 3		3325	39.16	43	2460		
5	RA				9 x 4.4 x 3.1	RINE	3485	39.6	63	3564		
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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



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been retained in										
the lab for record.										

3219 Dr. Umbreen

Muhammad Khalid Zaman (Resident Engineer) Engineering Consultancy Services Punjab Pvt. Ltd. Lahore Project: Supply, Construction, Installation and O & M of water filtration plants and Direct supply in Lahore Division Our Ref. No. CL/CED/ 8797 Dated: 13-05-22 **Test Specification** Your Ref. No. ECSP/PAPA/CZ-LHR-201 Dated: 20-04-22

### COMPRESSION TEST REPORT



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

Specim	2	28-04-22		Tested on:	Tested on: 12-05		5-22 in dry/wet condition				ONLINE REPORT	
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate Ioad	Ultimate Stress	Absorpti	Remarks
		DD	MM	ΥΥΥΥ	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)	on (%)	
1	Grey Rectangle Tuff Paver 60mm				7.8 x 3.8 x 2.3		2745	29.64	94	7104		
2	Grey Rectangle Tuff Paver 60mm				7.8 x 3.8 x 2.3		2690	29.64	90	6802		
3	Grey Rectangle Tuff Paver 60mm				7.8 x 3.8 x 2.3		2720	29.64	88	6650		
4	Grey Rectangle Tuff Paver 60mm				7.8 x 3.8 x 2.3		2730	29.64	83	6273		
5	Grey Rectangle Tuff Paver 60mm				7.8 x 3.8 x 2.3	RINE	2620	29.64	94	7104		
6	Grey Rectangle Tuff Paver 60mm				7.8 x 3.8 x 2.3	MEAD IN	2685	29.64	81	6121		
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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

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

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

4. \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprensive strength

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



3221 Dr. Umbreen

ORIGINAL

To: **Deputy Director (Technical)** 

Anti-Corruption Establishment Multan Region, Multan.

Project: Construction of B.S Block at Emerson College at Multan. (Complaint No.607/21, ACE Multan).

Our Ref. No. CL	/CED/ 8798-1 of 2	Dated:	13/5/2022	Test Specification
Your Ref. No.	ACE.MR-(CC-607)/21/2351	Dated:	27/4/2022	( )

#### COMPRESSION TEST REPORT

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

Specim	ens received on:	28	3/4/2	022	Tested on:	12-0	5-22	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 Stress (psi)	Water Absorpti on (%)	Remarks
1	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.3		2750	29.64	96	7255		Used Sample
2	Rectangular, Grey, 60 mm	-			7.8 x 3.8 x 2.3		2835	29.64	81	6121		Used Sample
3	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.3		2820	29.64	136	10278		Used Sample
4	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.3		2685	29.64	124	9371		Used Sample
5	Rectangular, Grey, 60 mm				7.8 x 3.8 x 2.3	ARTHE	2625	29.64	94	7104		Used Sample
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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

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							3158 Dr. Umbreen
To:		Zahid Hussain ent Engineer AZ	ZEngineering Associates Gujra	at Residency			
	-		f Road From GT Road (SAMMA rat (Group No.III, KM 17.53 to 3	•	ga Road I/C (	Gujrat Flyover Length =	
		ef. No. CL/CED/		-	Dated:	13-05-22	<b>Test Specification</b>

Your Ref. No. RE AZEA/GT-356

### **COMPRESSION TEST REPORT**

( BS 3921\*\* )

24-03-22

Dated:

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

Specimens received on:		20-04-22			Tested on:	12-05-22		in dry/wet condition				ONLINE REPORT
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	Machine made (Double Line)				8.8 x 4.1 x 2.8	3355	2860	36.08	43	2670	17.31	
2	Machine made (Double Line)				8.7 x 4 x 2.7	3130	2655	34.8	63	4055	17.89	
3	Machine made (Double Line)				8.5 x 4.1 x 2.6	2695	2530	34.85	59	3792	6.52	
4	Machine made (Double Line)				8.7 x 4 x 2.7	3065	2605	34.8	51	3283	17.66	
5	Machine made (Double Line)				8.7 x 4.1 x 2.8	3315	2815	35.67	29	1821	17.76	
6	Machine made (Double Line)				8.6 x 4.2 x 2.7	3350	2855	36.12	41	2543	17.34	
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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