

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.

> 2614 Dr. Mazhar

To: Mr. Muhammad Tufail

Construction Team Leader Lahore Office, Zor Engineers (Pvt.) Limited.

Project: Presbyterian Education Board Christian Girls Hostel - Sargodha, Location (Dinning Hall.)

Our Ref. No. CL/	CED/ 8302	Dated:	17-03-22	Test Specification
Your Ref. No.	230.37.1/MT/2	Dated:	18-01-22	(BS 1881-116)

COMPRESSION TEST REPORT



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

Specim	ens received on:	1	9-01	-22	Tested on:	16-0)3-22	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	Cube A (1:2:4)	12	12	2021	6x6x6		8	36	31	1929		Non Engraved
2	Cube B (1:2:4)	12	12	2021	6x6x6		8	36	49	3049		Non Engraved
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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 comprensive strength

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



Project: Construction of Driver Shed & Fire Fighting System (Group No.06) Extension of Punjab Assembly Building, Lahore. Our Ref. No. CL/CED/ 8303 Dated: 17-03-22 Test Specification Your Ref. No. 136 Dated: 22-02-22

COMPRESSION TEST REPORT

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

Specim	ens received on:	0	4-03	-22	Tested on:	17-0)3-22	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	56				9.1 x 4.4 x 3	3825	3345	40.04	33	1846	14.35	
2	56				9 x 4.4 x 3.1	3875	3335	39.6	21	1188	16.19	
3	56				9.1 x 4.4 x 3	3885	3360	40.04	31	1734	15.63	
4	56				9 x 4.4 x 3.1	3870	3385	39.6	28	1584	14.33	
5	56				9 x 4.3 x 3.1	3755	3275	38.7	31	1794	14.66	
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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.



(BS 3921**)

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

> 2878 Engr. Ubaid



Sub Divisional Officer The Punjab Employees Social Security Institution, 3-A Gulberg V Lahore								
Project: Construction of Oncology Block at Social Security Hospital	Taunsa							
Our Ref. No. CL/CED/ 8304	Dated:							
Your Ref. No. SS.WW.(206)21/981	Dated:							

Test Specification

(BS 3921**)

17-03-22

20-01-22

ORIGINAL A carbon copy for

the report has been retained in

the lab for record.

2854 Dr. Mazhar

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

Specimo	ens received on:	2	8-02	-22	Tested on:	16-0)3-22	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	AF				8.6 x 4.2 x 2.9	3405	3150	36.12	47	2915	8.1		
2	AF				8.6 x 4.2 x 2.9	3665	3260	36.12	51	3163	12.42		
3	AF				8.8 x 4.3 x 2.9	3490	3120	37.84	46	2723	11.86		
4	AF				8.6 x 4.3 x 2.9	3495	3135	36.98	49	2968	11.48		
5	AF				8.8 x 4.3 x 2.9	3445	3090	37.84	47	2782	11.49		
6	AF				8.6 x 4.3 x 2.9	3565	3175	36.98	47	2847	12.28		
7	AF				8.7 x 4.3 x 2.9	3515	3145	37.41	49	2934	11.76		
8	AF				8.7 x 4. <mark>3 x 2.8</mark>	3455	3090	37.41	49	2934	11.81		
9	AF				8.8 x 4.3 x 3	3635	3290	37.84	45	2664	10.49		
10	AF				8.5 x 4.3 x 2.9	3500	3125	36.55	49	3003	12		
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Witness	ed by:												

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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 C Civil Engineering De University of Engineering and Technol Landline: 042-99029245 & 042-99029202	oncrete Laboratory partment ogy, Lahore. Pakistan Mobile: 0307-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To: Engr. I	Muhammad Ali Raza	lutions (Pvt) Ltd	2927
Planni	ng & Coordination Engineer, Ittefag Building So		Dr. Mazhar

Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-	7)		
Our Ref. No. CL/	CED/ 8305	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-A-Column-S.S.(Drawing)(38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	A-Column-S.S (Drawing) (38-32)	18	1	2022	6Diax12		14	28.28	92	7287		Non Engraved
2	A-Column-S.S (Drawing) (38-32)	18	1	2022	6Diax12		14	28.28	73	5782		Non Engraved
3	A-Column-S.S (Drawing) (38-32)	18	1	2022	6Diax12		13.2	28.28	75	5941		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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	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.
To: Engr. I Planni	Muhammad Ali Raza	2927 Dr. Mazhar

Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-	7)		
Our Ref. No. CL	/CED/ 8306	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-B-Column-S.S.(Drawing)(38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	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	B-Column-S.S (Drawing) (38-32)	19	11	2021	6Diax12		14	28.28	79	6257		Non Engraved
2	B-Column-S.S (Drawing) (38-32)	19	11	2021	6Diax12		13.6	28.28	65	5149		Non Engraved
3	B-Column-S.S (Drawing) (38-32)	19	11	2021	6Diax12		13.6	28.28	79	6257		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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 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory

	Plain and Reinforced Concrete Laborator 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.
To: Engr. I	Muhammad Ali Raza	2927
Planni	ing & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Mazhar

Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-7	7)		
Our Ref. No. CL	CED/ 8307	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-C-Column-S.S.(Drawing)(38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	C-Column-S.S (Drawing) (38-32)	12	11	2021	6Diax12		13.6	28.28	69	5465		Non Engraved
2	C-Column-S.S (Drawing) (38-32)	12	11	2021	6Diax12		14	28.28	69	5465		Non Engraved
3	C-Column-S.S (Drawing) (38-32)	12	11	2021	6Diax12		13.8	28.28	57	4515		Non Engraved
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 $\underline{\textbf{Note:}}$ Above results pertain to the unsealed samples supplied to the laboratory

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T		2927 Dr. Aqsa
10:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	
	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)	

-		-		
Our Ref. No. CL	/CED/ 8308	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-D-Column-S.S.(Drawing)(38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	in dry/we	t condition			
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	D-Column-S.S (Drawing) (38-32)	3	11	2021	6Diax12		13.2	28.28	92	7287		Non Engraved
2	D-Column-S.S (Drawing) (38-32)	3	11	2021	6Diax12		13.4	28.28	71	5624		Non Engraved
3	D-Column-S.S (Drawing) (38-32)	3	11	2021	6Diax12		14	28.28	80	6337		Non Engraved
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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



Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-7)	1		
Our Ref. No. CL	/CED/ 8309	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-E&F-Column-S.S.(Drawing)(38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0)3-22	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	E&F-Column-S.S (Drawing) (38-32)	16	11	2021	6Diax12		14	28.28	87	6891		Non Engraved
2	E&F-Column-S.S (Drawing) (38-32)	16	11	2021	6Diax12		13.2	28.28	69	5465		Non Engraved
3	E&F-Column-S.S (Drawing) (38-32)	16	11	2021	6Diax12		13	28.28	55	4356		Non Engraved
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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



Project: Master	Гextile Mills Ltd. (Extension of Spinning Unit M-7)			
Our Ref. No. CL/	CED/ 8310	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-A-Column-Plinth (Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)

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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	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	A-Column-Plinth Blow Room(53-44)	22	10	2021	6Diax12		14	28.28	79	6257		Non Engraved
2	A-Column-Plinth Blow Room(53-44)	22	10	2021	6Diax12		13	28.28	83	6574		Non Engraved
3	A-Column-Plinth Blow Room(53-44)	22	10	2021	6Diax12		14	28.28	79	6257		Non Engraved
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Note: Above results pertain to the unsealed samples supplied to the laboratory



Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-7)			
Our Ref. No. CL/	CED/ 8311	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-C-Column-Plinth (Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)

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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	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	C-Column-Plinth Blow Room(53-44)	10	10	2021	6Diax12		13.4	28.28	55	4356		Non Engraved
2	C-Column-Plinth Blow Room(53-44)	10	10	2021	6Diax12		14	28.28	75	5941		Non Engraved
3	C-Column-Plinth Blow Room(53-44)	10	10	2021	6Diax12		14.2	28.28	69	5465		Non Engraved
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_		2927 Dr. Aqsa
То:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	
	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M 7)	

Project. Master	extile Mills Ltd. (Extension of Spinning Onit	IVI-7)		
Our Ref. No. CL/	CED/ 8312	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-Roof Slab (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Roof Slab (38-32)	20	12	2021	6Diax12		14.4	28.28	81	6416		Non Engraved
2	Roof Slab (38-32)	20	12	2021	6Diax12		13.2	28.28	80	6337		Non Engraved
3	Roof Slab (38-32)	20	12	2021	6Diax12		14	28.28	81	6416		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

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

	Plain and Reinforced Concrete Laborator Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895	A carbon copy for the report has been retained in the lab for record.
To: Engr.	Muhammad Ali Raza	2927 Dr. Aqsa

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)									
Our Ref. No. CL/	CED/ 8313	Dated:	17-03-22	Test Specification					
Your Ref. No.	IBS/M-7/-Inverted Beam (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)					

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

Specimens received on:		1	11-03-22		Tested on:	15-03-22		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	Inverted Beam (Drawing) (38-32)	7	1	2022	6Diax12		14.2	28.28	83	6574		Non Engraved
2	Inverted Beam (Drawing) (38-32)	7	1	2022	6Diax12		14	28.28	73	5782		Non Engraved
3	Inverted Beam (Drawing) (38-32)	7	1	2022	6Diax12		13.4	28.28	82	6495		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

 $\underline{\textbf{Note:}}$ 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 the lab for record.
		2927 Dr. Aqsa
То:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	
	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)	

	· · · · · · · · · · · · · · · · · · ·	,		
Our Ref. No. CL/	'CED/ 8314	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-Flooring Slab (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)



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

Specimens received on:		1	11-03-22		Tested on:	15-03-22		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	Flooring Slab (Drawing) (38-32)	3	2	2022	6Diax12		13.4	28.28	71	5624		Non Engraved
2	Flooring Slab (Drawing) (38-32)	3	2	2022	6Diax12		13.2	28.28	73	5782		Non Engraved
3	Flooring Slab (Drawing) (38-32)	3	2	2022	6Diax12		13.2	28.28	75	5941		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

 $\underline{\textbf{Note:}}$ 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 the lab for record.
To: E	ngr. Muhammad Ali Raza	2927
P	Ianning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master 1	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)									
Our Ref. No. CL/	CED/ 8315	Dated:	17-03-22	Test Specification						
Your Ref. No.	IBS/M-7/-A Column Plinth (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)						

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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0	3-22	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	A-Column Plinth (Drawing) (38-32)	1	11	2021	6Diax12		14	28.28	86	6812		Non Engraved
2	A-Column Plinth (Drawing) (38-32)	1	11	2021	6Diax12		14	28.28	78	6178		Non Engraved
3	A-Column Plinth (Drawing) (38-32)	1	11	2021	6Diax12		14	28.28	43	3406		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 comprensive strength

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



Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)									
Our Ref. No. CL/	CED/ 8316	Dated:	17-03-22	Test Specification					
Your Ref. No.	IBS/M-7/-B Column Plinth (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)					



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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	in dry/wet 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	B-Column Plinth	11	10	2021	6Diax12		13.6	28.28	78	6178		Non Engraved
2	B-Column Plinth (Drawing) (38-32)	11	10	2021	6Diax12		13	28.28	49	3881		Non Engraved
3	B-Column Plinth (Drawing) (38-32)	11	10	2021	6Diax12		13	28.28	63	4990		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

	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.
To: E	ngr. Muhammad Ali Raza	2927
P	Ianning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)									
Our Ref. No. CL	/CED/ 8318	Dated:	17-03-22	Test Specification						
Your Ref. No.	IBS/M-7/-D Column Plinth (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)						



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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	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	D-Column Plinth (Drawing) (38-32)	26	10	2021	6Diax12		14	28.28	46	3644		Non Engraved
2	D-Column Plinth (Drawing) (38-32)	26	10	2021	6Diax12		13.4	28.28	42	3327		Non Engraved
3	D-Column Plinth (Drawing) (38-32)	26	10	2021	6Diax12		14.8	28.28	75	5941		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

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

	Plain and Reinforced Control Civil Engineering De University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	oncrete Laboratory partment ogy, Lahore. Pakistan Mobile: 0307-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To: Engr. I	Muhammad Ali Raza	utions (Pvt) Ltd	2927
Planni	ng & Coordination Engineer. Ittefag Building Sol		Dr. Mazhar

Project: Master 1	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)								
Our Ref. No. CL/	CED/ 8319	Dated:	17-03-22	Test Specification					
Your Ref. No.	IBS/M-7/-Roof Slab (Card) (43-38)	Dated:	17-02-22	(ASTM C39)					



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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	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	Roof Slab (Card) (43-38)	4	12	2021	6Diax12		13	28.28	71	5624		Non Engraved
2	Roof Slab (Card) (43-38)	4	12	2021	6Diax12		14	28.28	79	6257		Non Engraved
3	Roof Slab (Card) (43-38)	4	12	2021	6Diax12		13	28.28	69	5465		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 comprensive strength

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

		Plain and Reinforced Co Civil Engineering De University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	Difference of the second secon	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To: I	Engr. N Plannin	uhammad Ali Raza g & Coordination Engineer, Ittefaq Building Sol	utions (Pvt) Ltd	2927 Dr. Aqsa

Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M	-7)		
Our Ref. No. CL	/CED/ 8320	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-Inverted Beam (Card) (43-38)	Dated:	17-02-22	(ASTM C39)

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

Specimens received on: 11-03-22 Tested on: 15-03-22 in dr		in dry/we	t condition			ONLINE REPORT						
Sr. No.	Mark*	Cas DD	ting	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	Inverted Beam (Card) (43-38)	12	12	2021	6Diax12		14	28.28	44	3485		Non Engraved
2	Inverted Beam (Card) (43-38)	12	12	2021	6Diax12		14	28.28	83	6574		Non Engraved
3	Inverted Beam (Card) (43-38)	12	12	2021	6Diax12		13.2	28.28	75	5941		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

 $\underline{\textbf{Note:}}$ 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 the lab for record.
		2927 Dr. Aqsa
То:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	
	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)	

		,		
Our Ref. No. CL	/CED/ 8321	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-Flooring Slab (Card) (43-38)	Dated:	17-02-22	(ASTM C39)



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

Specimens received on:		11-03-22		-22	Tested on:	15-03-22		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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Flooring Slab (Card) (43-38)	20	1	2022	6Diax12		13	28.28	34	2693		Non Engraved
2	Flooring Slab (Card) (43-38)	20	1	2022	6Diax12		12.4	28.28	38	3010		Non Engraved
3	Flooring Slab (Card) (43-38)	20	1	2022	6Diax12		13.8	28.28	65	5149		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

 $\underline{\textbf{Note:}}$ 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 the lab for record.
To: Eng	r. Muhammad Ali Raza	2927
Plar	ning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master	Γextile Mills Ltd. (Extension of Spinning Unit M-7)			
Our Ref. No. CL/	CED/ 8322	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-Inverted Beam (Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)

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

Specimens received on:		11-03-22		-22	Tested on:	15-03-22		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	Inverted Beam Blow Room(53-44)	24	11	2021	6Diax12		13.4	28.28	70	5545		Non Engraved
2	Inverted Beam Blow Room(53-44)	24	11	2021	6Diax12		13.6	28.28	67	5307		Non Engraved
3	Inverted Beam Blow Room(53-44)	24	11	2021	6Diax12		13.2	28.28	87	6891		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

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



Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-7)			
Our Ref. No. CL/	CED/ 8323	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-Flooring Slab (Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	11-03-22		-22	Tested on:	16-03-22		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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	Flooring Slab Blow Room(53-44)	27	12	2021	6Diax12		13	28.28	71	5624		Non Engraved
2	Flooring Slab Blow Room(53-44)	27	12	2021	6Diax12		13	28.28	67	5307		Non Engraved
3	Flooring Slab Blow Room(53-44)	27	12	2021	6Diax12		14.8	28.28	73	5782		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

	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.
То:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	2927 Dr. Aqsa
	Project: Master Textile Mills I td. (Extension of Spinning Unit M-7)	

Project: Master	rextile will's Ltd. (Extension of Spinning Unit w	1-7)		
Our Ref. No. CL/	CED/ 8324	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-A Footing (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)

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

Specimens received on: 11-03			1-03	-22	Tested on:	15-0)3-22	in dry/we	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	A Footing (Drawing) (38-32)	28	10	2021	6Diax12		13	28.28	66	5228		Non Engraved
2	A Footing (Drawing) (38-32)	28	10	2021	6Diax12		14.4	28.28	72	5703		Non Engraved
3	A Footing (Drawing) (38-32)	28	10	2021	6Diax12		13.4	28.28	32	2535		Non Engraved
4												
5						TIME	RIATE					
6					>	NEAD IN	205 D					
7						DHE NAME OF THY LORD VIND						
8					188							
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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

	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.
Tax		2927 Dr. Mazhar
10:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)											
Our Ref. No. CL	/CED/ 8325	Dated:	17-03-22	Test Specification							
Your Ref. No.	IBS/M-7/-B Footing (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)							



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

Specimens received on:		11-03-22		-22	Tested on:	16-03-22		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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	B Footing (Drawing) (38-32)	7	10	2021	6Diax12		14	28.28	73	5782		Non Engraved
2	B Footing (Drawing) (38-32)	7	10	2021	6Diax12		13.2	28.28	65	5149		Non Engraved
3	B Footing (Drawing) (38-32)	7	10	2021	6Diax12		13	28.28	67	5307		Non Engraved
4												
5					/	GINE	RIATE					
6					-)	NEAD W						
7						DHE NHOLE OE THY LORD WHO	112	EB				
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15												
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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

	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.
		2927 Dr. Aqsa
То:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	
	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)	

	···· ··· · ··· ··· ··· ··· ··· ··· ···	,		
Our Ref. No. CL/0	CED/ 8326	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-C Footing (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	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	C Footing (Drawing) (38-32)	10	10	2021	6Diax12		13	28.28	57	4515		Non Engraved
2	C Footing (Drawing) (38-32)	10	10	2021	6Diax12		13.4	28.28	44	3485		Non Engraved
3	C Footing (Drawing) (38-32)	10	10	2021	6Diax12		14	28.28	63	4990		Non Engraved
4												
5					/	ARTNE	RIATE					
6						READ W	205 D					
7					411	DHE NAME OF THY LORD WHO	- A					
8					188	1000						
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13												
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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 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 the lab for record.
To:	Engr. Muhammad Ali Raza	2927 Dr. Aqsa
	Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	
	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)	

Our Ref. No. CL/0	CED/ 8327	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-D Footing (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	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	D Footing (Drawing) (38-32)	20	10	2021	6Diax12		14.2	28.28	67	5307		Non Engraved
2	D Footing (Drawing) (38-32)	20	10	2021	6Diax12		14.6	28.28	59	4673		Non Engraved
3	D Footing (Drawing) (38-32)	20	10	2021	6Diax12		14	28.28	57	4515		Non Engraved
4												
5					- /	HINE	RIAL					
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7					411	DHE NAME OF THY LORD WHO	- 4					
8					188							
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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

	Plain and Reinforced C Civil Engineering Do University of Engineering and Techno Landline: 042-99029245 & 042-99029202	oncrete Laboratory epartment logy, Lahore. Pakistan Mobile: 0307-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To: Engr.	Muhammad Ali Raza	slutions (But) I to	2927 Dr. Mazhar

Project: Master T	extile Mills Ltd. (Extension of Spinning Unit M-	7)		
Our Ref. No. CL/	CED/ 8328	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-E&F Footing (Drawing) (38-32)	Dated:	17-02-22	(ASTM C39)



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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0)3-22	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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	E&F Footing (Drawing) (38-32)	15	11	2021	6Diax12		13.4	28.28	61	4832		Non Engraved
2	E&F Footing (Drawing) (38-32)	15	11	2021	6Diax12		13.6	28.28	73	5782		Non Engraved
3	E&F Footing (Drawing) (38-32)	15	11	2021	6Diax12		13.4	28.28	67	5307		Non Engraved
4												
5					- /	ARTNE	RIATE					
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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

	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.
To: E	ngr. Muhammad Ali Raza	2927
P	Ianning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master T	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)											
Our Ref. No. CL/0	CED/ 8329	Dated:	17-03-22	Test Specification								
Your Ref. No.	IBS/M-7/-A Column Plinth (Card) (43-38)	Dated:	17-02-22	(ASTM C39)								



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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	A Column Plinth (Card) (43-38)	26	10	2021	6Diax12		14	28.28	88	6970		Non Engraved
2	A Column Plinth (Card) (43-38)	26	10	2021	6Diax12		13.8	28.28	88	6970		Non Engraved
3	A Column Plinth (Card) (43-38)	26	10	2021	6Diax12		13.4	28.28	115	9109		Non Engraved
4												
5					- /	GINE	RIATE					
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7					11		- 12					
8					188							
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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

	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.
To: Eng	r. Muhammad Ali Raza	2927
Plar	ning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)										
Our Ref. No. CL/	CED/ 8330	Dated:	17-03-22	Test Specification							
Your Ref. No.	IBS/M-7/-B Column Plinth (Card) (43-38)	Dated:	17-02-22	(ASTM C39)							



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

Specimens received on:		11-03-22		-22	Tested on:	15-03-22 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	B Column Plinth (Card) (43-38)	8	10	2021	6Diax12		13.2	28.28	79	6257		Non Engraved
2	B Column Plinth (Card) (43-38)	8	10	2021	6Diax12		13	28.28	71	5624		Non Engraved
3	B Column Plinth (Card) (43-38)	8	10	2021	6Diax12		14	28.28	80	6337		Non Engraved
4												
5					/	ARTINE	RIATE					
6						READIN	RIST					
7					11		-E					
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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

	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.
To: Engr. M	luhammad Ali Raza	2927
Plannii	ng & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master 1	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)										
Our Ref. No. CL/	CED/ 8331	Dated:	17-03-22	Test Specification							
Your Ref. No.	IBS/M-7/-C Column Plinth (Card) (43-38)	Dated:	17-02-22	(ASTM C39)							

Specim	ens received on:	11-03-22		-22	Tested on:	15-03-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Cas	ting	Date*	Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
	C Column Plinth	45		2024	(III)	(r.g/ gms)		(34. 11)	(imp. i ons) 70	(psi)	. ,	New Engraved
1	(Card) (43-38)	15	10	2021	6Diax12		13.2	20.20	78	6178		Non Engraved
2	(Card) (43-38)	15	10	2021	6Diax12		13	28.28	87	6891		Non Engraved
3	C Column Plinth (Card) (43-38)	15	10	2021	6Diax12		14	28.28	79	6257		Non Engraved
4												
5					/	GINE	RIATE					
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Witness	ed by:											

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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



Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-	7)		
Our Ref. No. CL	/CED/ 8332	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-D Column Plinth (Card) (43-38)	Dated:	17-02-22	(ASTM C39)



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

Specimens received on:		1	11-03-22		Tested on:	16-03-22		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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	D Column Plinth (Card) (43-38)	20	10	2021	6Diax12		13	28.28	61	4832		Non Engraved
2	D Column Plinth (Card) (43-38)	20	10	2021	6Diax12		13.8	28.28	73	5782		Non Engraved
3	D Column Plinth (Card) (43-38)	20	10	2021	6Diax12		14	28.28	73	5782		Non Engraved
4												
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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

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.
То:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	2927 Dr. Aqsa
	Project: Master Taytile Mills td. (Extension of Spinning Init M-7)	

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)											
Our Ref. No. CL/	CED/ 8333	Dated:	17-03-22	Test Specification							
Your Ref. No.	IBS/M-7/-A Footing (Card) (43-38)	Dated:	17-02-22	(ASTM C39)							

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

Specim	ens received on:	11-03-22		-22	Tested on:	15-03-22		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	A Footing (Card) (43-38)	20	10	2021	6Diax12		14.4	28.28	73	5782		Non Engraved
2	A Footing (Card) (43-38)	20	10	2021	6Diax12		14.6	28.28	75	5941		Non Engraved
3	A Footing (Card) (43-38)	20	10	2021	6Diax12		13.4	28.28	73	5782		Non Engraved
4												
5						RINE	RIATE					
6						I READ IN						
7						DHE NHOLE <u>OE</u> THY LORD WHO	14.	EB				
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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 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 the lab for record.
To: Engr. Muhammad Ali Raza	2927
Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)								
Our Ref. No. CL/	CED/ 8334	Dated:	17-03-22	Test Specification				
Your Ref. No.	IBS/M-7/-B Footing (Card) (43-38)	Dated:	17-02-22	(ASTM C39)				

Specim	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	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	B Footing (Card) (43-38)	2	10	2021	6Diax12		14	28.28	67	5307		Non Engraved
2	B Footing (Card) (43-38)	2	10	2021	6Diax12		14.4	28.28	89	7050		Non Engraved
3	B Footing (Card) (43-38)	2	10	2021	6Diax12		14	28.28	70	5545		Non Engraved
4												
5						EINE	RIATE					
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7					11	DHE NAME OE THY LORD WHO		FB				
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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

	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.
То:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	2927 Dr. Aqsa
	Project: Master Textile Mills I td. (Extension of Spinning Unit M-7)	

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)									
Our Ref. No. CL/	/CED/ 8335	Dated:	17-03-22	Test Specification					
Your Ref. No.	IBS/M-7/-C Footing (Card) (43-38)	Dated:	17-02-22	(ASTM C39)					

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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	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	C Footing (Card) (43-38)	4	10	2021	6Diax12		14	28.28	71	5624		Non Engraved
2	C Footing (Card) (43-38)	4	10	2021	6Diax12		13.6	28.28	61	4832		Non Engraved
3	C Footing (Card) (43-38)	4	10	2021	6Diax12		13	28.28	63	4990		Non Engraved
4												
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Witness												

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 the lab for record.
		2927 Dr. Mazhar
IO: Er Pl	ngr. Munammad All Raza anning & Coordination Engineer, Ittefag Building Solutions (Pvt) Ltd	

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)								
Our Ref. No. CL/0	CED/ 8336	Dated:	17-03-22	Test Specification				
Your Ref. No.	IBS/M-7/-D Footing (Card) (43-38)	Dated:	17-02-22	(ASTM C39)				



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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0)3-22	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	D Footing (Card) (43-38)	14	10	2021	6Diax12		13	28.28	73	5782		Non Engraved
2	D Footing (Card) (43-38)	14	10	2021	6Diax12		13.2	28.28	71	5624		Non Engraved
3	D Footing (Card) (43-38)	14	10	2021	6Diax12		13.2	28.28	75	5941		Non Engraved
4												
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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

	Plain and Reinforced Co Civil Engineering De University of Engineering and Technolo Landline: 042-99029245 & 042-99029202	partment pgy, Lahore. Pakistan Mobile: 0307-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To: Engr. I	Muhammad Ali Raza	utions (Pvt) Ltd	2927
Planni	ng & Coordination Engineer, Ittefag Building Soli		Dr. Mazhar

Project: Master				
Our Ref. No. CL	/CED/ 8337	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-E&F Footing (Card) (43-38)	Dated:	17-02-22	(ASTM C39)

(ASTM C39)

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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	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	E&F Footing (Card) (43-38)	29	10	2021	6Diax12		13	28.28	57	4515		Non Engraved
2	E&F Footing (Card) (43-38)	29	10	2021	6Diax12		14	28.28	73	5782		Non Engraved
3	E&F Footing (Card) (43-38)	29	10	2021	6Diax12		14	28.28	63	4990		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 comprensive strength

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



Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-7)			
Our Ref. No. CL	/CED/ 8338	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-A Column-S.S. (Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)

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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	3-22	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	A Column (Blow Room) (53-44)	3	1	2022	6Diax12		13.4	28.28	65	5149		Non Engraved
2	A Column (Blow Room) (53-44)	3	1	2022	6Diax12		13	28.28	75	5941		Non Engraved
3	A Column (Blow Room) (53-44)	3	1	2022	6Diax12		14.4	28.28	92	7287		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

	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.
To: Engr. I	/uhammad Ali Raza	2927
Planni	ng & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)										
Our Ref. No. CL/	CED/ 8339	Dated:	17-03-22	Test Specification						
Your Ref. No.	IBS/M-7/-B Column-S.S.(Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)						

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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0	3-22	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	B Col. S.S. (Blow Room) (53-44)	13	10	2021	6Diax12		15	28.28	87	6891		Non Engraved
2	B Col. S.S. (Blow Room) (53-44)	13	10	2021	6Diax12		13	28.28	90	7129		Non Engraved
3	B Col. S.S. (Blow Room) (53-44)	13	10	2021	6Diax12		13	28.28	69	5465		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

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

	Plain and Reinforced C Civil Engineering De University of Engineering and Technol Landline: 042-99029245 & 042-99029202	oncrete Laboratory partment ogy, Lahore. Pakistan Mobile: 0307-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
			2927 Dr. Mazhar
To: Engr. Planni	Muhammad Ali Raza ing & Coordination Engineer, Ittefag Building So	utions (Pvt) Ltd	

Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-7	7)		
Our Ref. No. CL/	CED/ 8340	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-C Column (Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)

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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0)3-22	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	C Column (Blow Room) (53-44)	14	10	2021	6Diax12		13	28.28	77	6099		Non Engraved
2	C Column (Blow Room) (53-44)	14	10	2021	6Diax12		13	28.28	83	6574		Non Engraved
3	C Column (Blow Room) (53-44)	14	10	2021	6Diax12		13.6	28.28	83	6574		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

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

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)										
Our Ref. No. CL/	CED/ 8341	Dated:	17-03-22	Test Specification						
Your Ref. No.	IBS/M-7/-D Column-S.S. (Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)						

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

Specim	ens received on:	1	1-03	-22	Tested on:	15-0	3-22	in dry/we	t condition			ONLINE REPORT
Sr. No.	Mark*	Cas	ting	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	D Column (Blow Room) (53-44)	18	10	2021	6Diax12		13.2	28.28	73	5782		Non Engraved
2	D Column (Blow Room) (53-44)	18	10	2021	6Diax12		14.2	28.28	108	8554		Non Engraved
3	D Column (Blow Room) (53-44)	18	10	2021	6Diax12		13	28.28	45	3564		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

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)									
Our Ref. No. CL/C	CED/ 8342	Dated:	17-03-22	Test Specification					
Your Ref. No.	IBS/M-7/-E&F Column-S.S. (Blow Room) (53-44)	Dated:	17-02-22	(ASTM C39)					

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

Specim	ens received on:	1	1-03	-22	Tested on:	16-0	16-03-22 in dry/w		wet condition			ONLINE REPORT
Sr. No.	Mark*	Cas DD	ting MM	Date* YYYY	Size (in)	Wet Weight (Ka/ ams)	Dry Weight (Ka/ ams)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	E&F Column Blow Room(53-44)	22	10	2021	6Diax12		14	28.28	110	8713		Non Engraved
2	E&F Column Blow Room(53-44)	22	10	2021	6Diax12		13.2	28.28	69	5465		Non Engraved
3	E&F Column Blow Room(53-44)	22	10	2021	6Diax12		14	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/

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 the lab for record.
То:	Engr. Muhammad Ali Raza Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	2927 Dr. Aqsa
	Project: Master Textile Mills I td. (Extension of Spinning Unit M-7)	

Project. Master Textile Minis Ltd. (Extension of Spinning Onit M-7)									
Our Ref. No. CL/0	CED/ 8343	Dated:	17-03-22	Test Specification					
Your Ref. No.	IBS/M-7/-A Column-S.S (Card) (43-38)	Dated:	17-02-22	(ASTM C39)					

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

Specimens received on: 11-03-22 Tested on: 15-03-22 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	A Column-S.S (Card) (43-38)	9	1	2022	6Diax12		13.4	28.28	70	5545		Non Engraved
2	A Column-S.S (Card) (43-38)	9	1	2022	6Diax12		13.2	28.28	64	5069		Non Engraved
3	A Column-S.S (Card) (43-38)	9	1	2022	6Diax12		14.4	28.28	62	4911		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 comprensive strength

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

	Plain and Reinforced C Civil Engineering De University of Engineering and Technol Landline: 042-99029245 & 042-99029202	oncrete Laboratory epartment logy, Lahore. Pakistan Mobile: 0307-0496895	ORIGINAL A carbon copy for the report has been retained in the lab for record.
To: Engr. I	Muhammad Ali Raza	lutions (Pvt) Ltd	2927
Planni	ng & Coordination Engineer, Ittefag Building So		Dr. Mazhar

Project: Master	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)									
Our Ref. No. CL/	CED/ 8344	Dated:	17-03-22	Test Specification						
Your Ref. No.	IBS/M-7/-B Column-S.S (Card) (43-38)	Dated:	17-02-22	(ASTM C39)						

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

Specime	ens received on:	1	1-03	-22	Tested on:	16-0)3-22	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 load (Imp.Tons)	Ultimate Stress (psi)	Water Absorpti on (%)	Remarks
1	B Column-S.S (Card) (43-38)	24	10	2021	6Diax12		14	28.28	81	6416		Non Engraved
2	B Column-S.S (Card) (43-38)	24	10	2021	6Diax12		14	28.28	77	6099		Non Engraved
3	B Column-S.S (Card) (43-38)	24	10	2021	6Diax12		14	28.28	75	5941		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

 $\underline{\textbf{Note:}}$ 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 the lab for record.
То:	Engr. N	Muhammad Ali Raza	2927
	Plannir	ng & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd	Dr. Aqsa

Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M	-7)		
Our Ref. No. CL	/CED/ 8345	Dated:	17-03-22	Test Specification
Your Ref. No.	IBS/M-7/-C Column-S.S (Card) (43-38)	Dated:	17-02-22	(ASTM C39)

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

Specimo	ens received on:	1	1-03	-22	Tested on:	15-0)3-22	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	C-Column-S.S (Card) (43-38)	28	10	2021	6Diax12		14.6	28.28	79	6257		Non Engraved
2	C-Column-S.S (Card) (43-38)	28	10	2021	6Diax12		14	28.28	72	5703		Non Engraved
3	C-Column-S.S (Card) (43-38)	28	10	2021	6Diax12		14	28.28	49	3881		Non Engraved
4												
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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

	Plain and Reinforced Concrete Laboratory Civil Engineering Department University of Engineering and Technology, Lahore. Pakistan Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895			
To: Engr. I	Muhammad Ali Raza	2927 Dr. Mazhar		

Project: Master T	Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)								
Our Ref. No. CL/C	ED/ 8346	Dated:	17-03-22	Test Specification					
Your Ref. No.	IBS/M-7/-D Column-S.S (Card) (43-38)	Dated:	17-02-22	(ASTM C39)					

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

Specimens received on:		11-03-22		-22	Tested on:	16-03-22 ir		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	D-Column-S.S (Card) (43-38)	25	10	2021	6Diax12		14.8	28.28	77	6099		Non Engraved
2	D-Column-S.S (Card) (43-38)	25	10	2021	6Diax12		14.2	28.28	81	6416		Non Engraved
3	D-Column-S.S (Card) (43-38)	25	10	2021	6Diax12		13.2	28.28	86	6812		Non Engraved
4												
5					- /	ARTNE	RIATE					
6						NEAD IN	No.					
7					411	DHE NAME CETHY CORD VIND	4					
8					188		E CONTRACT					
9							ł					
10						d	RH					
11						-	, II					
12												
13												
14												
15												
16												
Witnessed by:												

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

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

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

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

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

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

Planning & Coc	Planning & Coordination Engineer, Ittefaq Building Solutions (Pvt) Ltd									
Project: Master	Textile Mills Ltd. (Extension of Spinning Unit M-	-7)								
Our Ref. No. CL	/CED/ 8347	Dated:	17-03-22							
Your Ref. No.	IBS/M-7/-E&F Column-S.S (Card) (43-38)	Dated:	17-02-22							

Test Specification (ASTM C39)

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

Specimens received on:		11-03-22		-22	Tested on:	16-03-22		in dry/wet condition				ONLINE REPORT
Sr. No.	Mark*	Casting Date*		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	E&F Column-S.S (Card) (43-38)	11	10	2021	6Diax12		14	28.28	79	6257		Non Engraved
2	E&F Column-S.S (Card) (43-38)	11	10	2021	6Diax12		14	28.28	83	6574		Non Engraved
3	E&F Column-S.S (Card) (43-38)	11	10	2021	6Diax12		14.2	28.28	61	4832		Non Engraved
4												
5					- /	ARINE	RIATE					
6						READ IN	(AUST)					
7					11	CORD VIVO	-4					
8					188							
9						2	1					
10					<	-LA	INRE .					
11												
12												
13												
14												
15												
16												
Witnessed by:												

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