



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

Specimens received on: **19-01-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
3	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL
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2878
 Engr. Ubaid

To: (Umair Maqsood), Sub Divisional Officer
 Buildings Sub Division, Assembly, Lahore.

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

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: **04-03-22** Tested on: **17-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2854
 Dr. Mazhar

To: 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: 17-03-22

Test Specification

Your Ref. No. SS.WW.(206)21/981

Dated: 20-01-22

(BS 3921**)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **28-02-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY									
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 4.3 x 2.8	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	---	
11	---	---	---	---	---	---	---	---	---	---	---	---	
12	---	---	---	---	---	---	---	---	---	---	---	---	
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16	---	---	---	---	---	---	---	---	---	---	---	---	

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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 16-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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

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 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 **Tested on:** 16-03-22 **in dry/wet condition**

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 16-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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 Dr. Aqsa

To: 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)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-22 **Tested on:** 15-03-22 **in dry/wet condition**

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 **Tested on:** 16-03-22 **in dry/wet condition**

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 16-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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
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2927
 Dr. Aqsa

To: 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/ 8312

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-Roof Slab (Drawing) (38-32)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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/ 8313

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7-Inverted Beam (Drawing) (38-32)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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2927
 Dr. Aqsa

To: 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 **Tested on:** 15-03-22 **in dry/wet condition**

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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 Dr. Aqsa

To: 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/ 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)

COMPRESSION TEST REPORT



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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

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 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 16-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	B-Column Plinth (Drawing) (38-32)	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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 15-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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 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

To: 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/ 8319

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-Roof Slab (Card) (43-38)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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
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2927
 Dr. Aqsa

To: 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/ 8320

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7-Inverted Beam (Card) (43-38)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 15-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 **Tested on:** 15-03-22 **in dry/wet condition**

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 Absorption (%)	Remarks
		DD	MM	YYYY									
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	
4	---	---	---	---	---	---	---	---	---	---	---	---	
5	---	---	---	---	---	---	---	---	---	---	---	---	
6	---	---	---	---	---	---	---	---	---	---	---	---	
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15	---	---	---	---	---	---	---	---	---	---	---	---	
16	---	---	---	---	---	---	---	---	---	---	---	---	

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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2927
 Dr. Aqsa

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 **Tested on:** 15-03-22 **in dry/wet condition**

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

ORIGINAL
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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-22 Tested on: 16-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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2927
 Dr. Aqsa

To: 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/ 8324

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-A Footing (Drawing) (38-32)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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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

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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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2927
 Dr. Mazhar

To: 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 16-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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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

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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

To: 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/ 8326

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-C Footing (Drawing) (38-32)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 15-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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/ 8327

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-D Footing (Drawing) (38-32)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 15-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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2927
 Dr. Aqsa

To: 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/ 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)

COMPRESSION TEST REPORT



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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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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

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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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2927
 Dr. Aqsa

To: 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/ 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)

COMPRESSION TEST REPORT



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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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Director/Dy. Director Concrete Laboratory



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 Dr. Aqsa

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 **Tested on:** 15-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
1	C Column Plinth (Card) (43-38)	15	10	2021	6Diax12	---	13.2	28.28	78	6178	---	Non Engraved
2	C Column Plinth (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	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-22 **Tested on:** 16-03-22 **in dry/wet condition**

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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/ 8333

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-A Footing (Card) (43-38)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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/ 8334

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-B Footing (Card) (43-38)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 15-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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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

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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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

To: 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/ 8335

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-C Footing (Card) (43-38)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 **Tested on:** 15-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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
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2927
 Dr. Mazhar

To: 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/ 8336

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-D Footing (Card) (43-38)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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
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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
 University of Engineering and Technology, Lahore, Pakistan
 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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2927
 Dr. Aqsa

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete 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

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **15-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory
Civil Engineering Department
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 Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Civil Engineering Department
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2927
 Dr. Aqsa

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 15-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

1. The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2. The test results are recommended to be interpreted in the light of above factors by the engineer.

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Director/Dy. Director Concrete Laboratory



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2927
 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **11-03-22** Tested on: **16-03-22** in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Aqsa

To: 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/ 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)

COMPRESSION TEST REPORT



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

Specimens received on: 11-03-22 **Tested on:** 15-03-22 **in dry/wet condition**

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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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16	---	---	---	---	---	---	---	---	---	---	---	---

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** 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

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 Dr. Mazhar

To: 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/ 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)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 16-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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 Dr. Mazhar

To: 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/ 8347

Dated: 17-03-22

Test Specification

Your Ref. No. IBS/M-7/-E&F Column-S.S (Card) (43-38)

Dated: 17-02-22

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 11-03-22 Tested on: 16-03-22 in dry/wet condition

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 Absorption (%)	Remarks
		DD	MM	YYYY								
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	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** 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

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory