



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.

2384
Dr. M. yousaf

To: Executive Engineer (B&W)
University of Veterinary & Animal Sciences, Lahore (M/s Pak Shahid Developers)
Project: Provision of Urgently Needed Female Hostel Facilities at University of Veterinary & Animal Sciences at Ravi Campus, Pattoki
Our Ref. No. CL/CED/ 6674 Dated: 20-12-21
Your Ref. No. E.E.702 Dated: 30-11-21

Test Specification
(---)



ONLINE REPORT

COMPRESSION TEST REPORT

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

Specimens received on: 06-12-21 Tested on: 17-12-21 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	4 1	---	---	---	8.8 x 4.2 x 2.9	3495	3155	36.96	46	2788	10.78	---
2	4 1	---	---	---	8.7 x 4.3 x 8.8	3580	3225	37.41	48	2874	11.01	---
3	4 1	---	---	---	8.8 x 4.3 x 3	3485	3125	37.84	52	3078	11.52	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

2422
 Dr. M. yousaf

To: Mr. Shahzad Khurshid
 Nil

Project: Nil

Our Ref. No. CL/CED/ 6675

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 13-12-21

(---)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3	---	3610	29.64	87	6575	---	---
2	Rectangular Grey 80mm	---	---	---	7.8 x 3.8 x 3	---	3420	29.64	46	3476	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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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ORIGINAL
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2438
 Dr. M. Yousaf

To: Mr. Muhammad Farrukh Latif (Manager Projects)
 BPS (Pvt.) Ltd. Lahore

Project: 85741 BHO, 85741 H.O, 85741 B.H

Our Ref. No. CL/CED/ 6676

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 15-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 15-12-21 Tested on: 17-12-21 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	---	27	11	2021	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
2	---	27	11	2021	6Diax12	---	13.2	28.28	62	4911	---	Non Engraved
3	---	27	11	2021	6Diax12	---	14	28.28	55	4356	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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

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2443
 Dr. M. Yousaf

To: Mr. Hafiz Adnan Latif Goraya (Quality Control Engineer)
 Guarantee Engineers (Pvt.) Ltd. Lahore

Project: Nil

Our Ref. No. CL/CED/ 6677

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 16-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: **16-12-21** Tested on: **17-12-21** 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	Retaining Wall	16	11	2021	6Diax12	---	14	28.28	42	3327	---	Non Engraved
2	Garage Columns	21	11	2021	6Diax12	---	14	28.28	33	2614	---	Non Engraved
3	Garage Slab	6	12	2021	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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2444
 Dr. M. Yousaf

To: Mr. Wasiq Akram (Planning & Coordination Engineer)
 Ittefaq Building Solutions (Pvt.) Ltd. Lahore

Project: Master Textile Mills Ltd. (Extension of Spinning Unit M-7)

Our Ref. No. CL/CED/ 6678

Dated: 20-12-21

Test Specification

Your Ref. No. IBS/M-7/Slab/53-51

Dated: 14-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16-12-21 **Tested on:** 17-12-21 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	Slab (Grid 53~51)	11	11	2021	6Diax12	---	14	28.28	63	4990	---	Non Engraved
2	Slab (Grid 53~51)	11	11	2021	6Diax12	---	14.4	28.28	69	5465	---	Non Engraved
3	Slab (Grid 53~51)	11	11	2021	6Diax12	---	14.2	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * as engraved on the specimens (if any)
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ORIGINAL
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2445
 Dr. M. Yousaf

To: Lt. Col. Ubaid Ur Rehman (Retd), SPM (JV) PEC Bldg Proj
 NLC Engineers-Tijaarat Developers (JV), Lahore

Project: Construction of PEC Regional Office, Lahore (6th Floor Slab Part-2)

Our Ref. No. CL/CED/ 6679

Dated: 20-12-21

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/459

Dated: 14-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16-12-21 **Tested on:** 17-12-21 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	1 4 1 1	19	11	2021	6Diax12	---	13	28.28	66	5228	---	Non Engraved
2	1 4 1 5	19	11	2021	6Diax12	---	13.6	28.28	62	4911	---	Non Engraved
3	1 4 2 0	19	11	2021	6Diax12	---	13	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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ORIGINAL
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2442
 Dr. M. Yousaf

To: Mr. Tahawar Owais (Manager Civil)
 Casa Grande Ventures (Pvt.) Ltd. Lahore

Project: Construction of Apartment Building at 94-G Gulberg-III, Lahore

Our Ref. No. CL/CED/ 6680-1 of 2

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 29-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16-12-21 **Tested on:** 17-12-21 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	4000 Psi	20	9	2021	6Diax12	---	14	28.28	65	5149	---	Non Engraved
2	4000 Psi	20	9	2021	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	4000 Psi	21	9	2021	6Diax12	---	13	28.28	59	4673	---	Non Engraved
4	4000 Psi	21	9	2021	6Diax12	---	14	28.28	84	6653	---	Non Engraved
5	4000 Psi	22	9	2021	6Diax12	---	14	28.28	85	6733	---	Non Engraved
6	4000 Psi	22	9	2021	6Diax12	---	14	28.28	58	4594	---	Non Engraved
7	4000 Psi	23	9	2021	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
8	4000 Psi	23	9	2021	6Diax12	---	13.4	28.28	57	4515	---	Non Engraved
9	4000 Psi	24	9	2021	6Diax12	---	14	28.28	69	5465	---	Non Engraved
10	4000 Psi	24	9	2021	6Diax12	---	14	28.28	88	6970	---	Non Engraved
11	4000 Psi	25	9	2021	6Diax12	---	13.8	28.28	74	5861	---	Non Engraved
12	4000 Psi	25	9	2021	6Diax12	---	3.4	28.28	67	5307	---	Non Engraved
13	4000 Psi	26	9	2021	6Diax12	---	14.6	28.28	76	6020	---	Non Engraved
14	4000 Psi	26	9	2021	6Diax12	---	14	28.28	73	5782	---	Non Engraved
15	4000 Psi	27	9	2021	6Diax12	---	13.4	28.28	67	5307	---	Non Engraved
16	4000 Psi	27	9	2021	6Diax12	---	14	28.28	58	4594	---	Non Engraved

Witnessed by: Nil

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

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2442
 Dr. M. Yousaf

To: Mr. Tahawar Owais (Manager Civil)
 Casa Grande Ventures (Pvt.) Ltd. Lahore

Project: Construction of Apartment Building at 94-G Gulberg-III, Lahore

Our Ref. No. CL/CED/ 6680-2 of 2

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 29-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 16-12-21 **Tested on:** 17-12-21 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								
17	4000 Psi	28	9	2021	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
18	4000 Psi	28	9	2021	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2428
 Dr.Mazhar Saleem

To: M/s Deltons Construction Co.
 133/II, Commercial Avenue, Near Khayaban E Rahat, Phase VII, Defence, Karachi

Project: Surge Labortries Sheikhpura Bekhi

Our Ref. No. CL/CED/ 6681

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 13-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13-12-21 **Tested on:** 20-12-21 **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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	3500 Psi	20	11	2021	6Diax12	---	13.5	28.28	75	5941	---	Non Engraved
2	3500 Psi	20	11	2021	6Diax12	---	13	28.28	51	4040	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2428
 Dr.Mazhar Saleem

To: M/s Deltons Construction Co.
 133/II, Commercial Avenue, Near Khayaban E Rahat, Phase VII, Defence, Karachi

Project: Surge Labortries Sheikhpura Bekhi

Our Ref. No. CL/CED/ 6682

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 13-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13-12-21 **Tested on:** 20-12-21 **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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	3500 Psi	18	11	2021	6Diax12	---	13	28.28	69	5465	---	Non Engraved
2	3500 Psi	18	11	2021	6Diax12	---	13	28.28	67	5307	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2428
 Dr.Mazhar Saleem

To: M/s Deltons Construction Co.
 133/II, Commercial Avenue, Near Khayaban E Rahat, Phase VII, Defence, Karachi

Project: Surge Labortries Sheikhpura Bekhi

Our Ref. No. CL/CED/ 6683

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 13-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13-12-21 **Tested on:** 20-12-21 **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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	3500 Psi	14	11	2021	6Diax12	---	13	28.28	71	5624	---	Non Engraved
2	3500 Psi	14	11	2021	6Diax12	---	13.4	28.28	69	5465	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2428
 Dr.Mazhar Saleem

To: M/s Deltons Construction Co.
 133/II, Commercial Avenue, Near Khayaban E Rahat, Phase VII, Defence, Karachi

Project: Surge Labortries Sheikhpura Bekhi

Our Ref. No. CL/CED/ 6684

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 13-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 13-12-21 **Tested on:** 20-12-21 **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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	3500 Psi	16	11	2021	6Diax12	---	13	28.28	49	3881	---	Non Engraved
2	3500 Psi	16	11	2021	6Diax12	---	13	28.28	54	4277	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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



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.

2431
 Dr.Mazhar Saleem

To: Lt. Col. Ubaid Ur Rehman (Retd), SPM (JV) PEC Bldg Proj
 NLC Engineers-Tijaarat Developers (JV), Lahore

Project: Construction of PEC Regional Office, Lahore (6th to 7th Floor Columns and Stair-1 5th to 6th Floor)

Our Ref. No. CL/CED/ 6685

Dated: 20-12-21

Test Specification

Your Ref. No. 901/NLC-TD(JV)/PEC/452

Dated: 13-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 14-12-21 **Tested on:** 20-12-21 **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	1 4 0 2	15	11	2021	6Diax12	---	13	28.28	75	5941	---	Non Engraved
2	1 4 0 5	15	11	2021	6Diax12	---	13	28.28	73	5782	---	Non Engraved
3	1 4 0 8	15	11	2021	6Diax12	---	13.8	28.28	94	7446	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2439
 Dr.Mazhar Saleem

To: Mr. Malik Junaid Abbas (Lab Technician)
 Banu Mukhtar Contracting (Pvt.) Ltd. Lahore

Project: Construction of PK Meats and Food Company

Our Ref. No. CL/CED/ 6686

Dated: 20-12-21

Test Specification

Your Ref. No. Nil

Dated: 15-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 15-12-21 **Tested on:** 20-12-21 **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 Absorpti on (%)	Remarks
		DD	MM	YYYY								
1	3000 Psi	7	12	2021	6Diax12	---	13	28.28	59	4673	---	Non Engraved
2	3000 Psi	7	12	2021	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
3	3000 Psi	7	12	2021	6Diax12	---	14	28.28	59	4673	---	Non Engraved
4	3750 Psi	8	12	2021	6Diax12	---	13.4	28.28	59	4673	---	Non Engraved
5	3750 Psi	8	12	2021	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
6	3750 Psi	8	12	2021	6Diax12	---	14	28.28	59	4673	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2451
 Dr.Mazhar Saleem

To: Deputy Director Maintenance
 Directorate of Construction (MQI), Lahore

Project: Nil

Our Ref. No. CL/CED/ 6687

Dated: 20-12-21

Test Specification

Your Ref. No. DOC/513/21

Dated: 17-12-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: Tested on: 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	3000 Psi	23	11	2021	6Diax12	---	13.2	28.28	39	3089	---	Non Engraved
2	3000 Psi	23	11	2021	6Diax12	---	13	28.28	43	3406	---	Non Engraved
3	3000 Psi	23	11	2021	6Diax12	---	13.8	28.28	47	3723	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

- * 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.

2405
Dr.Mazhar Saleem

To: Mr. Asif Nadeem Khawar (Resident Engineer)
Metroplan-Asian JV, Site Office, Talagang Road, Mianwali.

Project: Resident Construction Supervision for Establishment of 200 Bedded Mother & Child Hospital and Nursing College, District Mianwali.

Our Ref. No. CL/CED/ 6688

Dated: 20-12-21

Test Specification

Your Ref. No. M.A JV-Nexus-MMCH-RE-1125

Dated: 25-11-21

(ASTM C39)

COMPRESSION TEST REPORT



ONLINE REPORT

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

Specimens received on: 08-12-21 Tested on: 20-12-21 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	Lab Cured 644 (4000 Psi)	28	10	2021	6Diax12	---	14	28.28	83	6574	---	Non Engraved
2	Lab Cured 644 (4000 Psi)	28	10	2021	6Diax12	---	13.8	28.28	67	5307	---	Non Engraved
3	Lab Cured 644 (4000 Psi)	28	10	2021	6Diax12	---	14	28.28	75	5941	---	Non Engraved
4	Field Cured 644 (4000 Psi)	28	10	2021	6Diax12	---	14	28.28	88	6970	---	Non Engraved
5	Field Cured 644 (4000 Psi)	28	10	2021	6Diax12	---	13.6	28.28	83	6574	---	Non Engraved
6	Field Cured 644 (4000 Psi)	28	10	2021	6Diax12	---	14	28.28	83	6574	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * 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