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.

6325
Dr. M. Yousaf

To: Mr. Sufyan Uppal
Project Engineer, Baig Construction Co.

Project: Construction of Jinnah Square Mall, Riawind Road, Lahore.

Our Ref. No. CL/CED/ 3643 **Dated: 04-12-23** **Test Specification**

Your Ref. No. CT/UET/02122023/03 **Dated: 04-12-23** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 04-12-23 **Tested on:** 04-12-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Columns (5500 Psi)	2	11	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
2	Columns (5500 Psi)	2	11	2023	6Diax12	---	14	28.28	69	5465	---	Non Engraved
3	Columns (5500 Psi)	2	11	2023	6Diax12	---	14.2	28.28	66	5228	---	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/

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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ORIGINAL
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6317
Dr. M. Yousaf

To: Mr. Arif Siddique
Ideal Construction Service.

Project: FMH Tower Lahore.

Our Ref. No. CL/CED/ 3644 Dated: 04-12-23

Your Ref. No. ICS/786/580 Dated: 01-12-23

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 01-12-23 Tested on: 04-12-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Top Roof Store Slab	11	11	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
2	Top Roof Store Slab	11	11	2023	6Diax12	---	14.2	28.28	72	5703	---	Non Engraved
3	Top Roof Store Slab	11	11	2023	6Diax12	---	14	28.28	58	4594	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---					---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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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ORIGINAL
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6307
Dr. M. Yousaf

To: Mr. Umair Latif
Development Engineer, University of the Punjab, Office of the Chief Engineer

Project: Construction of New Academic Block at Hailey College of Banking and Finance at A.I.C, University of The Punjab, Lahore.

Our Ref. No. CL/CED/ 3645 Dated: 04-12-23 **Test Specification**

Your Ref. No. D-3496-CE Dated: 23-11-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28-11-23 Tested on: 04-12-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Footing F3 to F4 Grid (A-B/1-4)	12	10	2023	6Diax12	---	14	28.28	27	2139	---	Engraved
2	Footing F3 to F4 Grid (A-B/1-4)	12	10	2023	6Diax12	---	14	28.28	39	3089	---	Engraved
3		---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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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6307
Dr. M. Yousaf

To: Mr. Umair Latif
Development Engineer, University of the Punjab, Office of the Chief Engineer

Project: Construction of New Academic Block at Hailey College of Banking and Finance at A.I.C, University of The Punjab, Lahore.

Our Ref. No. CL/CED/ 3646 Dated: 04-12-23 Test Specification

Your Ref. No. D-3497-CE Dated: 27-11-23 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 28-11-23 Tested on: 04-12-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Slab (Basement) Grid 1-5/E-F	21	10	2023	6Diax12	---	14	28.28	48	3802	---	Engraved
2	Slab (Basement) Grid 1-5/E-F	21	10	2023	6Diax12	---	14.4	28.28	47	3723	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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

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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ORIGINAL
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6291
Dr. M. Yousaf

To: Alif Holdings
Bahria Town, Lahore.

Project: Preparing High Rise Buildings in Different Cities of Pakistan.

Our Ref. No. CL/CED/ 3647 **Dated: 04-12-23**

Your Ref. No. Nil **Dated: 27-11-23**

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27-11-23 **Tested on:** 04-12-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	11	9	2023	6Diax12	---	13.4	28.28	49	3881	---	Engraved
2	---	11	9	2023	6Diax12	---	13.4	28.28	51	4040	---	Engraved
3	---	11	9	2023	6Diax12	---	13.6	28.28	49	3881	---	Engraved
4	---	16	10	2023	6Diax12	---	14	28.28	64	5069	---	Engraved
5	---	16	10	2023	6Diax12	---	14	28.28	66	5228	---	Engraved
6		16	10	2023	6Diax12	---	13.8	28.28	58	4594	---	Engraved
7	---	26	9	2023	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
8	---	26	9	2023	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
9	---	26	9	2023	6Diax12	---	14	28.28	57	4515	---	Non Engraved
10	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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6294
Dr. M. Yousaf

To: Engr. Muhammad Ashraf Bhatti
Barqaab Consulting Services (Pvt.) Ltd.

Project: Contract No. ADB-300AR-2021, Procurement of Plant, Design, Supply, Installation, Testing, Commissioning of 500/220/132kV Lahore North Substation & Extension Works at 500/220/132kV Nokhar

Our Ref. No. CL/CED/ 3648 Dated: 04-12-23

Your Ref. No. 500Kv/SS/N-LHR/BQB/173 Dated: 24-11-23

Test Specification
(BS 3921**)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 27-11-23 Tested on: 04-12-23 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	AT	---	---	---	9 x 4.3 x 3	3885	3540	38.7	46	2663	9.75	Abu Talha Enterprises
2	AT	---	---	---	8.9 x 4.3 x 2.9	3690	3345	38.27	40	2341	10.31	Abu Talha Enterprises
3	AT	---	---	---	8.9 x 4.3 x 3	3785	3420	38.27	38	2224	10.67	Abu Talha Enterprises
4	AT	---	---	---	9 x 4.3 x 2.9	3600	3295	38.7	45	2605	9.26	Abu Talha Enterprises
5	AT	---	---	---	8.9 x 4.3 x 2.9	3695	3345	38.27	46	2692	10.46	Abu Talha Enterprises
6	37	---	---	---	8.9 x 4.3 x 2.9	3565	3110	38.27	42	2458	14.63	Abdul Hakim Bricks
7	37	---	---	---	9 x 4.3 x 2.9	3570	3080	38.7	31	1794	15.91	Abdul Hakim Bricks
8	37	---	---	---	8.9 x 4.3 x 2.9	3500	3055	38.27	42	2458	14.57	Abdul Hakim Bricks
9	37	---	---	---	8.8 x 4.2 x 2.8	3545	3220	36.96	44	2667	10.09	Abdul Hakim Bricks
10	37	---	---	---	8.7 x 4.3 x 2.9	3530	3170	37.41	45	2694	11.36	Abdul Hakim Bricks
11	12	---	---	---	8.8 x 4.3 x 3.1	3760	3345	37.84	44	2605	12.41	Ali Hanan Bricks
12	12	---	---	---	9 x 4.3 x 3	3815	3380	38.7	48	2778	12.87	Ali Hanan Bricks
13	12	---	---	---	8.9 x 4.3 x 3	3780	3315	38.27	40	2341	14.03	Ali Hanan Bricks
14	12	---	---	---	8.8 x 4.3 x 2.9	3680	3240	37.84	46	2723	13.58	Ali Hanan Bricks
15	12	---	---	---	9 x 4.3 x 2.9	3600	3180	38.7	44	2547	13.21	Ali Hanan Bricks
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. M. Farhan, CNIC # 44104-0716077-5 & Mr. Maqsood Ahmad, CNIC # 35202-2609195-5

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

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