



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.

5892
 Engr. Ubaid

To: Mr. Abdul Rehman
 Civil Site Engineer

Project: Mid City Hospital (MCH), Plot No. 95, Shadman Colony, Jail Road, Lahore.

Our Ref. No. CL/CED/ 2993

Dated: 21-09-23

Test Specification

Your Ref. No. Nil

Dated: 12-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-09-23 Tested on: 21-09-23 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	Piles Structure	3	9	2023	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	Piles Structure	3	9	2023	6Diax12	---	13.6	28.28	48	3802	---	Non Engraved
3	Piles Structure	3	9	2023	6Diax12	---	13	28.28	47	3723	---	Non Engraved
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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.

5937

Dr. M. Yousaf

To: Chief Engineer
MIDCITY Housing Private Limited.

Project: Over Head Water Tank (150000 Gallons) in MIDCITY Housing Lahore. (Casted by M/S Pak Mix at Plant)

Our Ref. No. CL/CED/ 2994

Dated: 21-09-23

Test Specification

Your Ref. No. MCH/UET/LT/09/2023/04

Dated: 20-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20-09-23 Tested on: 21-09-23 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	---	11	9	2023	6Diax12	---	13	28.28	22.5	1782	---	Non Engraved
2	---	11	9	2023	6Diax12	---	14.6	28.28	26	2059	---	Non Engraved
3	---	11	9	2023	6Diax12	---	13.4	28.28	26	2059	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Shoaib Alam Khan

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



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ORIGINAL
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5937
 Dr. M. Yousaf

To: Chief Engineer
MIDCITY Housing Private Limited.

Project: Over Head Water Tank (150000 Gallons) in MIDCITY Housing Lahore. (Casted by MIDCITY at Site)

Our Ref. No. CL/CED/ 2995

Dated: 21-09-23

Test Specification

Your Ref. No. MCH/UET/LT/09/2023/03

Dated: 20-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20-09-23 Tested on: 21-09-23 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	Sample # 05	11	9	2023	6Diax12	---	13	28.28	5	396	---	Engraved
2	Sample # 13	11	9	2023	6Diax12	---	13	28.28	11	871	---	Engraved
3	Sample # 19	11	9	2023	6Diax12	---	13	28.28	11	871	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. M. Shoaib Alam Khan

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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Director/Dy. Director Concrete Laboratory



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5933
 Engr. Ubaid

To: Assistant Resident Engineer.
JERS Consultancy (Pvt.) Ltd. (M/S Chaudhary Enterprises)

Project: Construction of SWM Parking Shed in MC, Muridke. (PCP Phase-II)

Our Ref. No. CL/CED/ 2996

Dated: 21-09-23

Test Specification

Your Ref. No. 488-JO1-ARE-2(MDK-P)/52

Dated: 18-09-23

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 20/9/2023 Tested on: 21-09-23 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	(1:2:4)	6	8	2023	6x6x6	---	8.6	36	100	6222	---	Engraved
2	(1:2:4)	6	8	2023	6x6x6	---	8.6	36	90	5600	---	Engraved
3	(1:2:4)	6	8	2023	6x6x6	---	8.4	36	70	4356	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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" dia x 12" 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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ORIGINAL
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5918
 Engr. Ubaid

To: Mr. Nasir Mehmood
 Construction Manager

Project: WB-10-B Extension Works at 220 KVA University Grid Station Bhara Kahu, Islamabad.

Our Ref. No. CL/CED/ 2997

Dated: 21-09-23

Test Specification

Your Ref. No. EEPL/09/EL-03

Dated: 18-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18-9-2023 Tested on: 21-09-23 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	ATR Foundation Concrete	5	9	2023	6Diax12	---	14	28.28	60	4752	---	Non Engraved
2	ATR Foundation Concrete	5	9	2023	6Diax12	---	13.4	28.28	58	4594	---	Non Engraved
3	ATR Foundation Concrete	5	9	2023	6Diax12	---	13	28.28	51	4040	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: (Mr. Sohaib Ali, NESPAK), (Mr. Shaheer Shahbaz, Siemens) & (Mr. Naveed Iqbal, Elite Engg.)

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
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5931
 Engr. Ubaid

To: Project Manager
 Lahore Hills Private Limited.

Project: Nil

Our Ref. No. CL/CED/ 2998

Dated: 21-09-23

Test Specification

Your Ref. No. DH/MT/015

Dated: 20-09-23

(ASTM C39)

COMPRESSION TEST 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	Sr. 1425	20	8	2023	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
2	Sr. 1426	20	8	2023	6Diax12	---	13.4	28.28	72	5703	---	Non Engraved
3	Sr. 1427	20	8	2023	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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5898
 Engr. Ubaid

To: Director Projects
 Innovative Construction Company.

Project: Construction of ABL Branch at Fazaia Housing Scheme Phase-I, Lahore.

Our Ref. No. CL/CED/ 2999

Dated: 21-09-23

Test Specification

Your Ref. No. ICL/ABL/FH/0923/08

Dated: 12-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13-9-2023 Tested on: 21-09-23 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	---	9	8	2023	6Diax12	---	13.6	28.28	51	4040	---	Non Engraved
2	---	9	8	2023	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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5898
 Engr. Ubaid

To: Director Projects
 Innovative Construction Company.

Project: Construction of ABL Branch at Fazaia Housing Scheme Phase-I, Lahore.

Our Ref. No. CL/CED/ 3000

Dated: 21-09-23

Test Specification

Your Ref. No. ICL/ABL/FH/0923/09

Dated: 12-09-23

(ASTM C39)

COMPRESSION TEST 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	---	23	8	2023	6Diax12	---	13	28.28	54	4277	---	Non Engraved
2	---	23	8	2023	6Diax12	---	13	28.28	58	4594	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

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

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- ** 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.

5894
 Engr. Ubaid

To: Engr. Tanveer Afzal
 General Manager-Blue Bricks, Blue Town Sapphire, Lahore.

Project: Underground Electricity Distribution System at Blue Town Sapphire Housing Scheme Lahore.

Our Ref. No. CL/CED/ 3001

Dated: 21-09-23

Test Specification

Your Ref. No. BTS/Lab/00108

Dated: 11-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12-9-2023 **Tested on:** 21-09-23 **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	---	15	8	2023	6Diax12	---	13	28.28	28	2218	---	Non Engraved
2	---	15	8	2023	6Diax12	---	13	28.28	32	2535	---	Non Engraved
3	---	5	8	2023	6Diax12	---	13	28.28	52	4119	---	Non Engraved
4	---	5	8	2023	6Diax12	---	13	28.28	56	4436	---	Non Engraved
5	---	7	8	2023	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
6	---	7	8	2023	6Diax12	---	13	28.28	50	3960	---	Non Engraved
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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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 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.

5924
 Engr. Ubaid

To: Engr. Muhammad Aaimon Azeem
 Site Engineer, Marwa Developers (Pvt.) Ltd.

Project: Grey Works of PNN News Head Office at Plot 102, Block C-II Gulberg-II, Lahore.

Our Ref. No. CL/CED/ 3002

Dated: 21-09-23

Test Specification

Your Ref. No. Nil

Dated: 16-09-23

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18-09-23 **Tested on:** 21-09-23 **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	Foundation Grid E-C/1	31	8	2023	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
2	Foundation Grid E-C/1	31	8	2023	6Diax12	---	13	28.28	56	4436	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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
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