



# 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.

8393

Dr. Qasim Khan

To: Mr. Farrukh Latif  
Manager Construction, PREMIER TRADING SERVICES (Pvt) Ltd

Project: Warehouse Harbanspura

Our Ref. No. CL/CED/ 6705

Dated: 11-12-24

Test Specification

Your Ref. No. Nil

Dated: Nil

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 11-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(1:2:4)	4	10	2024	6Diax12	---	13	28.28	35	2772	---	Non Engraved
2	(1:2:4)	4	10	2024	6Diax12	---	13.8	28.28	44	3485	---	Non Engraved
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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



**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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 the report has  
 been retained in  
 the lab for record.

8390  
 Dr. M. Burhan

To: Engr. Haseeb Afzal  
 Project Manager, HMB Developers Pvt. Ltd

Project: Construction of Commercial Tower, Finance Trade Centre Lahore (10th Floor Shear Wall J~M/1~2)

Our Ref. No. CL/CED/ 6706

Dated: 11-12-24

Test Specification

Your Ref. No. HMBDPL/S.O/12/24/149(LHR)

Dated: 10-12-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 10-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	CT-169 (5000 Psi)	13	11	2024	6Diax12	---	13.6	28.28	77	6099	---	Non Engraved
2	CT-169 (5000 Psi)	13	11	2024	6Diax12	---	14.4	28.28	81	6416	---	Non Engraved
3	CT-169 (5000 Psi)	13	11	2024	6Diax12	---	14.4	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Ghulam Nabi, CNIC 35201-1248412-1

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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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## Civil Engineering Department

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**ORIGINAL**

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8374

Dr. M. Mazhar

To: Syed Azhar Hussain, Resident Engineer  
PRSWSS Project, Mohalla Qabristan, Nurbur Thal City Distt. Khushab, Techno Consult Intl Pvt Ltd  
Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil Noor Pur Thal District  
Khushab (RCC SEWER PIPE CONCRETE)  
Our Ref. No. CL/CED/ 6707 Dated: 11-12-24 Test Specification  
Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-III/NPT-04/023 Dated: 12-11-24 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Field Cured (4000 Psi)	15	10	2024	6Diax12	---	14.4	28.28	52	4119	---	Non Engraved
2	Field Cured (4000 Psi)	15	10	2024	6Diax12	---	14.4	28.28	58	4594	---	Non Engraved
3	Field Cured (4000 Psi)	15	10	2024	6Diax12	---	13.4	28.28	50	3960	---	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
- \*\*\* 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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8374

Dr. M. Mazhar

To: Syed Azhar Hussain, Resident Engineer  
PRSWSS Project, Mohalla Qabristan, Nurbur Thal City Distt. Khushab, Techno Consult Intl Pvt Ltd  
Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil Noor Pur Thal District  
Khushab (RCC SEWER PIPE CONCRETE)  
Our Ref. No. CL/CED/ 6708 Dated: 11-12-24 Test Specification  
Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-III/NPT-05/040 Dated: 13/11/2024 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Field Cured (4000 Psi)	16	10	2024	6Diax12	---	13.8	28.28	58	4594	---	Non Engraved
2	Field Cured (4000 Psi)	16	10	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
3	Field Cured (4000 Psi)	16	10	2024	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Dr. M. Mazhar

To: Syed Azhar Hussain, Resident Engineer  
PRSWSS Project, Mohalla Qabristan, Nurbur Thal City Distt. Khushab, Techno Consult Intl Pvt Ltd  
Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil Noor Pur Thal District  
Khushab (ABR RAFT BED at 52 D.B.)  
Our Ref. No. CL/CED/ 6709 Dated: 11-12-24 Test Specification  
Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-III/NPT-04/026 Dated: 14/11/2024 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Field Cured (4000 Psi)	17	10	2024	6Diax12	---	13.4	28.28	85	6733	---	Non Engraved
2	Field Cured (4000 Psi)	17	10	2024	6Diax12	---	14.6	28.28	70	5545	---	Non Engraved
3	Field Cured (4000 Psi)	17	10	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
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- \* as engraved on the specimens (if any)
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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Dr. M. Mazhar

To: Syed Azhar Hussain, Resident Engineer

PRSWSS Project, Mohalla Qabristan, Nurbur Thal City Distt. Khushab, Techno Consult Intl Pvt Ltd

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil Noor Pur Thal District Khushab (D.C & Settler Chamber of Walls STP at Chak 51 D.B)

Our Ref. No. CL/CED/ 6710

Dated: 11-12-24

Test Specification

Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-III/NPT-04/027

Dated: 15/11/2024

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Field Cured (4000 Psi)	18	10	2024	6Diax12	---	13.2	28.28	40	3168	---	Non Engraved
2	Field Cured (4000 Psi)	18	10	2024	6Diax12	---	13.4	28.28	48	3802	---	Non Engraved
3	Field Cured (4000 Psi)	18	10	2024	6Diax12	---	13	28.28	70	5545	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Dr. M. Mazhar

To: Syed Azhar Hussain, Resident Engineer

PRSWSS Project, Mohalla Qabristan, Nurbur Thal City Distt. Khushab, Techno Consult Intl Pvt Ltd

Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil Noor Pur Thal District Khushab (RCC Sewer Pipe Concrete)

Our Ref. No. CL/CED/ 6711

Dated: 11-12-24

Test Specification

Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-III/NPT-04/022

Dated: 12-11-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Field Cured (4000 Psi)	5	11	2024	6Diax12	---	14	28.28	72	5703	---	Non Engraved
2	Field Cured (4000 Psi)	5	11	2024	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	Field Cured (4000 Psi)	5	11	2024	6Diax12	---	14.2	28.28	85	6733	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Dr. M. Mazhar

To: Syed Azhar Hussain, Resident Engineer  
PRSWSS Project, Mohalla Qabristan, Nurbur Thal City Distt. Khushab, Techno Consult Intl Pvt Ltd  
Project: Punjab Rural Sustainable Water Supply & Sanitation Project (PRSWSSP) Tehsil Noor Pur Thal District  
Khushab (RCC Sewer Pipe Concrete)  
Our Ref. No. CL/CED/ 6712 Dated: 11-12-24 Test Specification  
Your Ref. No. TCI/PRSWSSP-NORTH/PHASE-III/NPT-05/039 Dated: 13/11/2024 (ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 09-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Field Cured (4000 Psi)	6	11	2024	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
2	Field Cured (4000 Psi)	6	11	2024	6Diax12	---	14	28.28	70	5545	---	Non Engraved
3	Field Cured (4000 Psi)	6	11	2024	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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.

8388

Dr. M. Mazhar

To: **S & S Associates**  
Ayoub Chowk, Johar Town, Lahore.

Project: New Cafeteria Construction (PEB SHED) at Designtex in STML-8 Building

Our Ref. No. CL/CED/ 6713

Dated: 11-12-24

Test Specification

Your Ref. No. STML/PBS/054

Dated: 10-12-24

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 10-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Column (C-30)	2	12	2024	6x6x6	---	9	36	36	2240	---	Non Engraved
2	Column (C-30)	2	12	2024	6x6x6	---	8.6	36	36	2240	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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.

8391

Dr. M. Mazhar

To: Sub Divisional Officer  
Buildings Sub-Division No. 16, Lahore

Project: Construction of Smart Police Station Shahdra Town Lahore.

Our Ref. No. CL/CED/ 6714

Dated: 11-12-24

Test Specification

Your Ref. No. No. 26

Dated: 24/8/2024

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 11-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(1:2:4)	27	7	2024	6x6x6	---	8	36	64	3982	---	Non Engraved
2	(1:2:4)	27	7	2024	6x6x6	---	7.6	36	52	3236	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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"x12" 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.

8391

Dr. M. Mazhar

To: Sub Divisional Officer  
Buildings Sub-Division No. 16, Lahore

Project: Construction of Smart Police Station Samanabad Lahore.

Our Ref. No. CL/CED/ 6715

Dated: 11-12-24

Test Specification

Your Ref. No. No. 27

Dated: 24/8/2024

( BS 1881-116 )

## COMPRESSION TEST REPORT



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

Specimens received on: 11-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(1:2:4)	27	7	2024	6x6x6	---	8.4	36	109	6782	---	Non Engraved
2	(1:2:4)	27	7	2024	6x6x6	---	8.6	36	120	7467	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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.

8352  
Dr. Aqsa

To: Mr. Aqeel Aslam  
Manager Projects, Fatima Memorial Hospital

Project: Construction of New Building at Fatima Memorial Hospital Lahore (Slab of 4th Floor)

Our Ref. No. CL/CED/ 6716

Dated: 11-12-24

Test Specification

Your Ref. No. FMH/RAF/con/35

Dated: 01-11-24

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04-12-24 Tested on: 10-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(3000 Psi)	1	11	2024	6Diax12	---	13.2	28.28	55	4356	---	Non Engraved
2	(3000 Psi)	1	11	2024	6Diax12	---	13.4	28.28	64	5069	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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.

8352  
Dr. Aqsa

To: Mr. Aqeel Aslam  
Manager Projects, Fatima Memorial Hospital

Project: Construction of New Building at Fatima Memorial Hospital Lahore (Lift Shaft of 3rd Floor)

Our Ref. No. CL/CED/ 6717

Dated: 11-12-24

Test Specification

Your Ref. No. FMH/RAF/con/34

Dated: 26/11/2024

(ASTM C39)

## COMPRESSION TEST REPORT



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

Specimens received on: 04-12-24 Tested on: 10-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	(4000 Psi)	25	10	2024	6Diax12	---	14	28.28	94	7446	---	Engraved
2	(4000 Psi)	25	10	2024	6Diax12	---	13.8	28.28	69	5465	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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-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.

8344  
Dr. Aqsa

To: Mr. Mohsin Farooq Khokhar  
Acting Project Engineer (Civil), Maintenance Branch, Defence Housing Authority, Phase-I, Lahore.

Project: Uplifting of Parking Area at Sec Shops of Sec C Phase-I DHA Lahore. (Supply by M/S Banu Mukhtar)

Our Ref. No. CL/CED/ 6718

Dated: 11-12-24

Test Specification

Your Ref. No. Lab/Tuff Pavers/ Maint

Dated: 02-12-24

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 04-12-24 Tested on: 10-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorpti on (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2785	29.64	130	9825	---	---
2	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2680	29.64	118	8918	---	---
3	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2815	29.64	107	8086	---	---
4	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2775	29.64	109	8238	---	---
5	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2730	29.64	120	9069	---	---
6	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	123	9296	---	---
7	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2705	29.64	114	8615	---	---
8	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2875	29.64	115	8691	---	---
9	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2750	29.64	96	7255	---	---
10	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2775	29.64	120	9069	---	---
11	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2760	29.64	120	9069	---	---
12	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2790	29.64	123	9296	---	---
13	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2675	29.64	100	7557	---	---
14	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2670	29.64	115	8691	---	---
15	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2775	29.64	142	10731	---	---
16	Rectangular (Citi), Grey, 60mm	---	---	---	7.8 x 3.8 x 2.3	---	2795	29.64	130	9825	---	---

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.

8392

Dr. Qasim Khan

To: Mr. WAQAS ASIF  
DIRECTOR, ICON CONSTRUCTION SERVICES, ENGINEERS AND CONTRACTORS

Project: Construction of Fauzia & Harris Residence at Green Ford Lahore.

Our Ref. No. CL/CED/ 6719

Dated: 11-12-24

Test Specification

Your Ref. No. Nil

Dated: 11-12-24

( ---- )

## COMPRESSION TEST REPORT



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

Specimens received on: 11-12-24 Tested on: 11-12-24 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size	Wet Weight	Dry Weight	Area of X-Section	Ultimate load	Ultimate Stress	Water Absorption (%)	Remarks
		DD	MM	YYYY	(in)	(Kg/ gms)	(Kg/ gms)	(Sq. in)	(Imp.Tons)	(psi)		
1	Concrete Solid Block	---	---	---	11.9 x 8 x 8	---	29.4	95.2	97	2282	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
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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