



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.

8992
Dr. M. Yousaf

To: ENGR. ARFAN ULLAH
Assistant Engineer Civil, National Skills University Islamabad.

Project: Construction of the Administration Block at National Skills University Islamabad Muridke Campus.

Our Ref. No. CL/CED/ 7613

Dated: 07/03/2025

Test Specification

Your Ref. No. NSU/Admin-Block/2023/17

Dated: 13/02/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/02/2025 Tested on: 07/03/2025 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	Plinth Beam	25	12	2024	6x6x6	---	9	36	80	4978	---	Non Engraved
2	Plinth Beam	25	12	2024	6x6x6	---	8.8	36	84	5227	---	Non Engraved
3	Plinth Beam	25	12	2024	6x6x6	---	8.6	36	85	5289	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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



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Civil Engineering Department

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Dr. M. Yousaf

To: ENGR. ARFAN ULLAH
Assistant Engineer Civil, National Skills University Islamabad.

Project: Construction of the Administration Block at National Skills University Islamabad Muridke Campus.

Our Ref. No. CL/CED/ 7614

Dated: 07/03/2025

Test Specification

Your Ref. No. NSU/Admin-Block/2023/17

Dated: 13/02/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/02/2025 Tested on: 07/03/2025 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	Columns (Ground Floor)	25	12	2024	6x6x6	---	9	36	79	4916	---	Non Engraved
2	Columns (Ground Floor)	25	12	2024	6x6x6	---	9	36	81	5040	---	Non Engraved
3	Columns (Ground Floor)	25	12	2024	6x6x6	---	9	36	78	4853	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"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)
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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Dr. M. Yousaf

To: ENGR. ARFAN ULLAH
Assistant Engineer Civil, National Skills University Islamabad.

Project: Construction of the Administration Block at National Skills University Islamabad Muridke Campus.

Our Ref. No. CL/CED/ 7615

Dated: 07/03/2025

Test Specification

Your Ref. No. NSU/Admin-Block/2023/17

Dated: 13/02/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/02/2025 Tested on: 07/03/2025 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	Footing	25	12	2024	6x6x6	---	8.6	36	82	5102	---	Non Engraved
2	Footing	25	12	2024	6x6x6	---	8.8	36	97	6036	---	Non Engraved
3	Footing	25	12	2024	6x6x6	---	8.8	36	84	5227	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Dr. M. Yousaf

To: ENGR. ARFAN ULLAH
Assistant Engineer Civil, National Skills University Islamabad.

Project: Construction of the Administration Block at National Skills University Islamabad Muridke Campus.

Our Ref. No. CL/CED/ 7616

Dated: 07/03/2025

Test Specification

Your Ref. No. NSU/Admin-Block/2023/17

Dated: 13/02/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 27/02/2025 Tested on: 07/03/2025 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	Columns (Ground Floor)	25	12	2024	6x6x6	---	8.4	36	83	5164	---	Non Engraved
2	Columns (Ground Floor)	25	12	2024	6x6x6	---	8.6	36	80	4978	---	Non Engraved
3	Columns (Ground Floor)	25	12	2024	6x6x6	---	8.4	36	80	4978	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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ORIGINAL
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9012
Dr. M. Yousaf

To: Mr. Zia-ur-Rauf
Resident Engineer, New Vision Engineering Consultant

Project: Upgradation & Modernization of Pakistan Mint Phase II-A Shalimar Town GT Road Lahore (Roof Slab & Beam Grid (5/11)- A/D)

Our Ref. No. CL/CED/ 7617

Dated: 07/03/2025

Test Specification

Your Ref. No. NVEC/RE/PAKMINT/2025/05

Dated: 25/2/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 28/2/2025 Tested on: 07/03/2025 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	27	1	2025	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	4000 Psi	27	1	2025	6Diax12	---	14	28.28	67	5307	---	Non Engraved
3	4000 Psi	27	1	2025	6Diax12	---	14	28.28	80	6337	---	Non Engraved
4	4000 Psi	27	1	2025	6Diax12	---	14.2	28.28	59	4673	---	Non Engraved
5	4000 Psi	27	1	2025	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
6	4000 Psi	27	1	2025	6Diax12	---	13.6	28.28	68	5386	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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ORIGINAL

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9042
Dr. M. Yousaf

To: Mr. Usman Habib
Project Engineer, New Diamond Glass House, Ghazi Road, Lahore Cantt.

Project: Construction of Malik House, 308 Street No. 07, Cavalry Ground, Lahore

Our Ref. No. CL/CED/ 7618

Dated: 07/03/2025

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: 05/03/2025 Tested on: 07/03/2025 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	---	5	2	2025	6Diax12	---	13.4	28.28	19	1505	---	Non Engraved
2	---	5	2	2025	6Diax12	---	13	28.28	20	1584	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

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Director/Dy. Director Concrete Laboratory



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Civil Engineering Department

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ORIGINAL

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8967
Dr. Umbreen

To: Mr. Muhammad Mohsin

Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Tender No. P&S/25.01/5655 Construction of Storm Water Drainage System from Sham Nagar to River Ravi (Package-II) [Nabha Road- Bed (RD 0+068 to 0+080); Nabha Road-Bed (RD 0+152 to 0+164)]

Our Ref. No. CL/CED/ 7619

Dated: 07/03/2025

Test Specification

Your Ref. No. 3882/11/MM/01/454

Dated: 19/2/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 21/2/2025 Tested on: 06/03/2025 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	4000 Psi (RD 0+068 to 0+080)	24	1	2025	6Diax12	---	14	28.28	80	6337	---	Non Engraved
2	4000 Psi (RD 0+068 to 0+080)	24	1	2025	6Diax12	---	14	28.28	75	5941	---	Non Engraved
3	4000 Psi (RD 0+068 to 0+080)	24	1	2025	6Diax12	---	14	28.28	86	6812	---	Non Engraved
4	4000 Psi (RD 0+152 to 0+164)	12	2	2025	6Diax12	---	14	28.28	130	10297	---	Non Engraved
5	4000 Psi (RD 0+152 to 0+164)	12	2	2025	6Diax12	---	14	28.28	100	7921	---	Non Engraved
6	4000 Psi (RD 0+152 to 0+164)	12	2	2025	6Diax12	---	14	28.28	92	7287	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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8965
Dr. Umbreen

To: Mr. Rashid Kamran
Resident Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Construction of Electric Bus Depot at Green Town, Lahore

Our Ref. No. CL/CED/ 7620

Dated: 07/03/2025

Test Specification

Your Ref. No. 4792/13/RK/05/43

Dated: 12/02/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 20/2/2025 Tested on: 06/03/2025 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	6	2	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	4000 Psi	6	2	2025	6Diax12	---	14	28.28	66	5228	---	Non Engraved
3	4000 Psi	6	2	2025	6Diax12	---	13.4	28.28	60	4752	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.

8990
Dr. Umbreen

To: Engr. Tajammal Farooq
Project Manager, AZ Engineering Associates, Gulberg-III, Lahore

Project: Construction of Boundary Wall at Bhikki Power Plant, Sheikhpura

Our Ref. No. CL/CED/ 7621

Dated: 07/03/2025

Test Specification

Your Ref. No. AZE/31852

Dated: 26/2/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 26/2/2025 Tested on: 06/03/2025 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	Column Footing (R.C.C.)	8	1	2025	6Diax12	---	13	28.28	54	4277	---	Engraved
2	Column Footing (R.C.C.)	8	1	2025	6Diax12	---	13	28.28	48	3802	---	Engraved
3	Column Footing (R.C.C.)	8	1	2025	6Diax12	---	14	28.28	46	3644	---	Engraved
4	Tie Beam (R.C.C.)	7	1	2025	6Diax12	---	12.8	28.28	46	3644	---	Engraved
5	Tie Beam (R.C.C.)	7	1	2025	6Diax12	---	12.6	28.28	42	3327	---	Engraved
6	Tie Beam (R.C.C.)	7	1	2025	6Diax12	---	13.6	28.28	46	3644	---	Engraved
7	Column (R.C.C.)	22	1	2025	6Diax12	---	13	28.28	40	3168	---	Engraved
8	Column (R.C.C.)	22	1	2025	6Diax12	---	14	28.28	44	3485	---	Engraved
9	Column (R.C.C.)	22	1	2025	6Diax12	---	13	28.28	44	3485	---	Engraved
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.

8945
Dr. Umbreen

To: Manager Planning and Development
Noon Developers & Marketing, New Muslim Town, Lahore

Project: Canal Heights 3-B, Block B, Noon Avenue, New Muslim Town, Lahore

Our Ref. No. CL/CED/ 7622

Dated: 07/03/2025

Test Specification

Your Ref. No. CH/ST/06/25

Dated: 18/2/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 18/2/2025 Tested on: 06/03/2025 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 (5000 Psi)	19	1	2025	6Diax12	---	14.2	28.28	68	5386	---	---
2	Column (5000 Psi)	19	1	2025	6Diax12	---	14	28.28	74	5861	---	---
3	Column (5000 Psi)	19	1	2025	6Diax12	---	14.2	28.28	52	4119	---	---
4	Column (5000 Psi)	19	1	2025	6Diax12	---	14	28.28	63	4990	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

8902
Dr. Umbreen

To: Mr. Kamran Khan
Procurement Manager, Q-Links Property Management Pvt. Ltd
Project: Gold Souq, Bahria Town Lahore (Raft Foundation Grid 5-6/BC; Retaining Wall Grid 5-6/BC; Ground Floor Column Grid 1,2&3/ABC)
Our Ref. No. CL/CED/ 7623
Your Ref. No. QLC-BO-BH2-2025-02-LTR-18-2025

Dated: 07/03/2025

Test Specification

Dated: 12/02/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 13/2/2025 Tested on: 06/03/2025 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	Raft Foundation (4000 Psi)	3	1	2025	6Diax12	---	14	28.28	64	5069	---	---
2	Raft Foundation (4000 Psi)	3	1	2025	6Diax12	---	14	28.28	83	6574	---	---
3	Retaining Wall (4000 Psi)	13	1	2025	6Diax12	---	14	28.28	63	4990	---	---
4	Retaining Wall (4000 Psi)	13	1	2025	6Diax12	---	14	28.28	74	5861	---	---
5	Ground Floor Column (5000 Psi)	1	2	2025	6Diax12	---	13.8	28.28	48	3802	---	---
6	Ground Floor Column (5000 Psi)	1	2	2025	6Diax12	---	13.6	28.28	54	4277	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

ORIGINAL

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

8985
Dr. Umbreen

To: Mr. Junaid Ahmad
Project Engineer, NESPAK (Pvt) Ltd

Project: Construction of Test Beds and Workshop Building for Al-Ghazi Tractors Limited Sheikhpura Road
Lahore (RCC Column up to Plinth Beam)

Our Ref. No. CL/CED/ 7624

Dated: 07/03/2025

Test Specification

Your Ref. No. 4829/311/JA/01/23896

Dated: 21/2/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/2/2025 Tested on: 06/03/2025 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	---	23	1	2025	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
2	---	23	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
3	---	23	1	2025	6Diax12	---	14	28.28	86	6812	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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

8980
Dr. Umbreen

To: Mr. Manzoor Ahmad Joya
Project Engineer, NESPAK (Pvt) Ltd

Project: Establishment of Labour Colony at Quaid-e-Azam Business Park, M2-Motorway, District Sheikhupura. Construction of Bachelors Hostel (Contract Package-A)

Our Ref. No. CL/CED/ 7625

Dated: 07/03/2025

Test Specification

Your Ref. No. 3844/311/RE/067

Dated: 22/2/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 25/2/2025 Tested on: 06/03/2025 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	A04	28	1	2025	6Diax12	---	14	28.28	40	3168	---	Engraved
2	A04	28	1	2025	6Diax12	---	14	28.28	36	2851	---	Engraved
3	A04	28	1	2025	6Diax12	---	14	28.28	42	3327	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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.

8982
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd
Project: Rehabilitation/ Improvement of Street Pavement/ Sewerage/ Drainage in UC-10, 11, 12, 13, 14 Ravi Zone MCL
Our Ref. No. CL/CED/ 7626
Your Ref. No. 4084/103/LDP/Ravi/04/180

Dated: 07/03/2025

Test Specification

Dated: 19/2/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 25/2/2025 Tested on: 07/03/2025 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	KB	---	---	---	9 x 4.4 x 3	3940	3530	39.6	36	2036	11.61	---
2	KB	---	---	---	8.8 x 4.3 x 2.9	3500	3130	37.84	36	2131	11.82	---
3	KB	---	---	---	8.9 x 4.3 x 3	3790	3425	38.27	20	1171	10.66	---
4	KB	---	---	---	9 x 4.4 x 3	3775	3350	39.6	34	1923	12.69	---
5	KB	---	---	---	9 x 4.3 x 2.9	3680	3270	38.7	40	2315	12.54	---
6	KB	---	---	---	8.8 x 4.1 x 3	3740	3340	36.08	36	2235	11.98	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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- 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.

8982
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Rehabilitation/ Improvement of Roads in UC 23, 08, 36, 37, 38, 39, 13, 17, 22, 29, 30, 32 Ravi Zone MCL

Our Ref. No. CL/CED/ 7627

Dated: 07/03/2025

Test Specification

Your Ref. No. 4084/103/LDP/Ravi/04/189

Dated: 19/2/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 25/2/2025 Tested on: 07/03/2025 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	DHA	---	---	---	8.8 x 4.2 x 3	3620	3250	36.96	42	2545	11.38	---
2	DHA	---	---	---	8.7 x 4.2 x 3	3580	3185	36.54	36	2207	12.4	---
3	DHA	---	---	---	8.7 x 4.3 x 3	3660	3180	37.41	34	2036	15.09	---
4	DHA	---	---	---	8.7 x 4.3 x 3	3520	3290	37.41	34	2036	6.99	---
5	DHA	---	---	---	8.6 x 4.2 x 2.8	3525	3140	36.12	34	2109	12.26	---
6	DHA	---	---	---	8.7 x 4.2 x 3	3510	3170	36.54	34	2084	10.73	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

ORIGINAL

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

8982
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd
Project: Rehabilitation/ Improvement of Street Pavement, Sewerage / Drainage in UC 23, 25, 08, 09, 04, 05 Ravi Zone MCL
Our Ref. No. CL/CED/ 7628
Your Ref. No. 4084/103/LDP/Ravi/04/192

Dated: 07/03/2025

Test Specification

Dated: 22/2/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 25/2/2025 Tested on: 07/03/2025 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	FB	---	---	---	9 x 4.4 x 3	3900	3460	39.6	34	1923	12.72	---
2	FB	---	---	---	8.8 x 4.2 x 3	3760	3340	36.96	38	2303	12.57	---
3	FB	---	---	---	8.5 x 4.2 x 2.9	3500	3195	35.7	36	2259	9.55	---
4	FB	---	---	---	8.9 x 4.2 x 2.9	3670	3225	37.38	40	2397	13.8	---
5	FB	---	---	---	8.7 x 4.2 x 3	3650	3195	36.54	40	2452	14.24	---
6	FB	---	---	---	8.9 x 4.2 x 3	3875	3450	37.38	30	1798	12.32	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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

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ORIGINAL

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8938

Dr. M. Yousaf

To: Mr. Muhammad Zain ul Abadeen

Resident Engineer, Environmental & Public Health Engineering Division, NESPAK (Pvt) Ltd

Project: Tender No. XEN (O&M-I) NT/2024-25/84- Improvement of Water Supply / Sewerage System in UC-236, Nishtar Zone Lahore.

Our Ref. No. CL/CED/ 7629

Dated: 07/03/2025

Test Specification

Your Ref. No. 43101/11/MZA/01/045

Dated: 03/01/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 18/2/2025 Tested on: 07/03/2025 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	7UP	---	---	---	8.5 x 4.1 x 2.9	3580	3380	34.85	38	2442	5.92	---
2	7UP	---	---	---	8.8 x 4.4 x 3	3820	3360	38.72	37	2140	13.69	---
3	7UP	---	---	---	8.7 x 4.3 x 3	3610	3170	37.41	38	2275	13.88	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

1. * as engraved on the specimens (if any)

2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption

3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength

4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

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

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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8951
Dr. M. Yousaf

To: Mr. Abid Azim
Resident Engineer, Highways & Transportation Engineering Division, NESPAK (Pvt) Ltd
Project: Rehabilitation/ Improvement of Roads Bukhari Park, Flour Mills Area & Power House Shahdara, UC-10, Ravi Zone MCL
Our Ref. No. CL/CED/ 7630
Your Ref. No. 4084/103/LDP/Ravi/04/179

Dated: 07/03/2025

Test Specification

Dated: 17/2/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 19/2/2025 Tested on: 07/03/2025 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	S	---	---	---	8.8 x 4.2 x 3	3730	3360	36.96	37	2242	11.01	---
2	S	---	---	---	8.8 x 4.3 x 3.1	3725	3230	37.84	40	2368	15.33	---
3	S	---	---	---	8.7 x 4.2 x 3	3610	3300	36.54	39	2391	9.39	---
4	S	---	---	---	8.8 x 4.3 x 2.9	3770	3350	37.84	37	2190	12.54	---
5	S	---	---	---	8.8 x 4.2 x 3	3770	3220	36.96	36	2182	17.08	---
6	S	---	---	---	8.8 x 4.2 x 2.9	3570	3175	36.96	37	2242	12.44	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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8950
Dr. M. Yousaf

To: Mr. Muhammad Furqan Alam
Resident Engineer, HA Consulting JV Mascon Associates

Project: Nil

Our Ref. No. CL/CED/ 7631

Dated: 07/03/2025

Test Specification

Your Ref. No. 25/HAC-MAS/RE/Sharaqpur/106

Dated: 15/2/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 19/2/2025 Tested on: 07/03/2025 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	R.B	---	---	---	8.9 x 4.2 x 2.9	3625	3220	37.38	33	1978	12.58	---
2	R.B	---	---	---	8.9 x 4.3 x 2.8	3660	3220	38.27	36	2107	13.66	---
3	R.B	---	---	---	9 x 4.4 x 3	3665	3250	39.6	31	1754	12.77	---
4	R.B	---	---	---	9 x 4.3 x 2.8	3670	3255	38.7	30	1736	12.75	---
5	R.B	---	---	---	8.9 x 4.2 x 2.9	3615	3150	37.38	34	2037	14.76	---
6	R.B	---	---	---	9 x 4.4 x 3	3770	3345	39.6	25	1414	12.71	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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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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Director/Dy. Director Concrete Laboratory



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ORIGINAL
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8950
Dr. M. Yousaf

To: Mr. Muhammad Furqan Alam
Resident Engineer, HA Consulting JV Mascon Associates

Project: Nil

Our Ref. No. CL/CED/ 7632

Dated: 07/03/2025

Test Specification

Your Ref. No. 25/HAC-MAS/RE/Pattoki/105

Dated: 15/2/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 19/2/2025 Tested on: 07/03/2025 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	GM	---	---	---	9 x 4.3 x 3	3785	3255	38.7	32	1852	16.28	---
2	GM	---	---	---	8.9 x 4.3 x 3	3885	3450	38.27	34	1990	12.61	---
3	GM	---	---	---	9 x 4.3 x 3	3795	3350	38.7	37	2142	13.28	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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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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Note: Above results pertain to the unsealed samples supplied to the laboratory

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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ORIGINAL

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9006
Dr. Umbreen

To: Mr. Amir Saleem
XEN, GE (AIR), Lahore.

Project: Construction of Technical Guard Room at HQ CAC at PAF BASE Lahore CA No. CEA-DE-17/2025

Our Ref. No. CL/CED/ 7633

Dated: 07/03/2025

Test Specification

Your Ref. No. 600-Gen/58/E-6

Dated: 03/02/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 28/2/2025 Tested on: 06/03/2025 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	MIF	---	---	---	8.5 x 4.1 x 2.9	---	3025	34.85	45	2892	---	---
2	MIF	---	---	---	8.2 x 4 x 2.9	---	3290	32.8	46	3141	---	---
3	MIF	---	---	---	8.4 x 4.1 x 2.8	---	3100	34.44	38	2472	---	---
4	MIF	---	---	---	8.3 x 4 x 2.9	---	3030	33.2	40	2699	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

- * as engraved on the specimens (if any)
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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
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ORIGINAL

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

8959
Dr. Umbreen

To: Mr. Hamad Javed
Resident Engineer, HA Consulting JV Mascon Associates

Project: Construction of Model Bazar Jaranwala

Our Ref. No. CL/CED/ 7634

Dated: 07/03/2025

Test Specification

Your Ref. No. 25/HAC-MAS/RE/Jaranwala/102

Dated: 14/2/2025

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COMPRESSION TEST REPORT



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

Specimens received on: 20/2/2025 Tested on: 06/03/2025 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	RB	---	---	---	9 x 4.2 x 2.9	3525	3125	37.8	34	2015	12.8	---
2	RB	---	---	---	9 x 4.3 x 3	3665	3250	38.7	40	2315	12.77	---
3	RB	---	---	---	9 x 4.3 x 3	3775	3335	38.7	41	2373	13.19	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

- * as engraved on the specimens (if any)
- ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"x12" 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

University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL

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9002
Dr. Umbreen

To: Mr. Saeed Ahmad
ARE PCP Package-V, MMP/AiD Consultants, Site Office H.No. C-73 Ibrahim City Khanewal

Project: Comprehensive Sewerage System in Khanewal City Under Punjab Cities Program (PCP)

Our Ref. No. CL/CED/ 7617

Dated: 07/03/2025

Test Specification

Your Ref. No. PCP/KWL-180/2025

Dated: 18/2/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 28/2/2025 Tested on: 06/03/2025 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)	25	12	2024	6x6x6	---	8.2	36	50	3111	---	Engraved
2	(1:2:4)	25	12	2024	6x6x6	---	8.2	36	44	2738	---	Engraved
3	(1:2:4)	25	12	2024	6x6x6	---	8.4	36	52	3236	---	Engraved
4	(1:2:4)	9	12	2024	6x6x6	---	8.2	36	44	2738	---	Engraved
5	(1:2:4)	9	12	2024	6x6x6	---	8.2	36	44	2738	---	Engraved
6	(1:2:4)	9	12	2024	6x6x6	---	8.2	36	46	2862	---	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-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