



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.

9385
Dr. Aqsa

To: Mr. Junaid Ahmad
Project Engineer, Architecture & Planning Division, Lahore. NESPAK Pvt. Ltd.
Project: Construction of Test Beds and Workshop Building For Al-Ghazi Tractors Ltd. Sheikhpura Road Lahore.
Our Ref. No. CL/CED/ 8219
Your Ref. No. 4829/311/JA/01/23896-D

Dated: 13/05/2025

Test Specification

Dated: 29/04/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 08/05/2025 Tested on: 13/05/2025 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	Ground Floor Slab	22	4	2025	6Diax12	---	13.2	28.28	51	4040	---	Non Engraved
2	Ground Floor Slab	22	4	2025	6Diax12	---	13	28.28	38	3010	---	Non Engraved
3	Ground Floor Slab	22	4	2025	6Diax12	---	13.2	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
- *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

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

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

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

University of Engineering and Technology, Lahore, Pakistan
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ORIGINAL

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9402
Dr. Aqsa

To: Mr. Waleed
Resident Engineer, GIM Developers, New Garden Town, Lahore.

Project: Construction of Plaza at 51 Baber Block, New Garden Town, Lahore

Our Ref. No. CL/CED/ 8220

Dated: 13/05/2025

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: 12/05/2025 Tested on: 13/05/2025 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	Second Floor Columns, 4500 Psi	23	4	2025	6Diax12	---	13	28.28	33	2614	---	Engraved
2	Second Floor Columns, 4500 Psi	23	4	2025	6Diax12	---	13	28.28	27	2139	---	Engraved
3	Second Floor Columns, 4500 Psi	23	4	2025	6Diax12	---	13.4	28.28	30	2376	---	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
- *** 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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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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9392
Dr. Aqsa

To: Mr. Zulfiqar Malik
Project Manager, M/s Zain-ul-Abideen & Sons JV M/s Green Bird Associates Pvt. Ltd.

Project: Establishment of the Support Centre for the Dental and Surgical Implant (SCDS) Sialkot.

Our Ref. No. CL/CED/ 8221

Dated: 13/05/2025

Test Specification

Your Ref. No. Nil

Dated: 06/05/2025

(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/05/2025 Tested on: 13/05/2025 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	---	20	4	2025	6Diax12	---	12.8	28.28	36	2851	---	Engraved
2	---	20	4	2025	6Diax12	---	13	28.28	36	2851	---	Engraved
3	---	20	4	2025	6Diax12	---	13	28.28	29	2297	---	Engraved
4	---	20	4	2025	6Diax12	---	12.8	28.28	42	3327	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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Director/Dy. Director Concrete Laboratory



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ORIGINAL

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9400
Dr. Aqsa

To: Mr. Luqman Ahmed
Resident Engineer, SSTH, OPD Block (Ghakhar Mandi Wazirabad) G3 Engg. Consultants Pvt. Ltd.
Project: Construction of OPD Block, Sarwar Shahida Trust Hospital (Ghakhar), Wazirabad. (Type-B Nominal Mix 1:1.5:3)
Our Ref. No. CL/CED/ 8222 Dated: 13/05/2025
Your Ref. No. G3/SSTH/02 Dated: 12/05/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT



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

Specimens received on: 12/05/2025 Tested on: 13/05/2025 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	Footings	3	5	2025	6Diax12	---	13	28.28	37	2931	---	Engraved
2	Footings	3	5	2025	6Diax12	---	13	28.28	39	3089	---	Engraved
3	Footings	3	5	2025	6Diax12	---	13	28.28	36	2851	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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ORIGINAL
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9394
Dr. Aqsa

To: Mr. Muhammad Saleem
Operations Manager, The Skyline Mall & Residences

Project: The Skyline Mall & Residences, Raiwind Road, Lahore

Our Ref. No. CL/CED/ 8223

Dated: 13/05/2025

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: 12/05/2025 Tested on: 13/05/2025 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, 4000 Psi	28	3	2025	6Diax12	---	13.6	28.28	87	6891	---	Non Engraved
2	Columns, 4000 Psi	28	3	2025	6Diax12	---	13.8	28.28	66	5228	---	Non Engraved
3	Columns, 4000 Psi	28	3	2025	6Diax12	---	13.8	28.28	77	6099	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

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

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ORIGINAL

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9393
Dr. Aqsa

To: **AJ Contractors**
Plaza No. 71, First Floor DHA Phase 8 (Ex-Park View) Lahore Cantt.

Project: Tawal Project Site ID: TWPRWP0064

Our Ref. No. CL/CED/ 8224

Dated: 13/05/2025

Test Specification

Your Ref. No. AJ Contractor/Cubes/Tawal/72

Dated: 05/05/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 12/05/2025 Tested on: 13/05/2025 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	Tower Raft (1:1.5:3)	28	4	2025	6x6x6	---	8.2	36	33	2053	---	Non Engraved
2	Tower Raft (1:1.5:3)	28	4	2025	6x6x6	---	8.4	36	44	2738	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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ORIGINAL
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9393
Dr. Aqsa

To: **AJ Contractors**
Plaza No. 71, First Floor DHA Phase 8 (Ex-Park View) Lahore Cantt.

Project: Tawal Project Site ID: TWPRWP0064

Our Ref. No. CL/CED/ 8225

Dated: 13/05/2025

Test Specification

Your Ref. No. AJ Contractor/Cubes/Tawal/73

Dated: 08/05/2025

(BS 1881-116)

COMPRESSION TEST REPORT



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

Specimens received on: 12/05/2025 Tested on: 13/05/2025 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	Tower Columns (1:1.5:3)	1	5	2025	6x6x6	---	8.2	36	39	2427	---	Non Engraved
2	Tower Columns (1:1.5:3)	1	5	2025	6x6x6	---	8.6	36	46	2862	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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Director/Dy. Director Concrete Laboratory



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9397
Dr. Aqsa

To: Mr. M. Nadeem Zafarullah
Incharge (Civil) For Managing Director Sui Northern Gas.

Project: Upgradation of Existing Customer Services at Regional Distribution Office Gujranwala

Our Ref. No. CL/CED/ 8226

Dated: 13/05/2025

Test Specification

Your Ref. No. CC/CSC/RDO-GWJ

Dated: 12/05/2025

(BS 3921**)

COMPRESSION TEST REPORT



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

Specimens received on: 12/05/2025 Tested on: 13/05/2025 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	5SS	---	---	---	9 x 4.3 x 3	---	3740	38.7	35	2026	---	---
2	5SS	---	---	---	9 x 4.2 x 3	---	3855	37.8	30	1778	---	---
3	5SS	---	---	---	8.9 x 4.2 x 3	---	3510	37.38	34	2037	---	---
4	5SS	---	---	---	8.9 x 4.2 x 3	---	3510	37.38	31	1858	---	---
5	5SS	---	---	---	8.8 x 4.2 x 3	---	3675	36.96	35	2121	---	---
6	5SS	---	---	---	8.9 x 4.2 x 3	---	3630	37.38	34	2037	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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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

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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



Plain and Reinforced Concrete Laboratory

Civil Engineering Department

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

ORIGINAL

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

9379
Dr. Aqsa

To: Mr. Ali Raza
Resident Engineer, HA Consulting and Mascon Associates (Pvt) Ltd.

Project: Establishment of Garment Cities in Punjab (Construction of Stitching Unit in Quaid-e-Azam Business Park at Sheikhpura) (Group 1)

Our Ref. No. CL/CED/ 8227

Dated: 13/05/2025

Test Specification

Your Ref. No. HAC/QABP/SR/102

Dated: 15/03/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 05/05/2025 Tested on: 13/05/2025 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	Machine Made Double Line	---	---	---	8.5 x 4.2 x 2.8	---	2485	35.7	28	1757	---	---
2	Machine Made Double Line	---	---	---	8.6 x 4.2 x 2.9	---	2935	36.12	28	1736	---	---
3	Machine Made Double Line	---	---	---	8.4 x 4.2 x 2.8	---	2465	35.28	37	2349	---	---
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/>

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- ** 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



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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.

9274
Dr. Aqsa

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/ 8228

Dated: 13/05/2025

Test Specification

Your Ref. No. 4792/13/RK/05/51

Dated: 11/04/2025

(----)

COMPRESSION TEST REPORT



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

Specimens received on: 15/04/2025 Tested on: 13/05/2025 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	ASB	---	---	---	8.9 x 4.4 x 3	3950	3470	39.16	50	2860	13.83	---
2	ASB	---	---	---	8.8 x 4.4 x 3	3845	3405	38.72	43	2488	12.92	---
3	ASB	---	---	---	8.8 x 4.3 x 3	3890	3415	37.84	48	2841	13.91	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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