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.

317
Dr. Aqsa Shabbir

To: Mr. Muhammad Jazil
House No. 724, Mohallah Huma Block, Allama Iqbal Town, Lahore

Project: Nil

Our Ref. No. CL/CED/ 9680 **Dated:** 13/10/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 13/10/2025 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 13/10/2025 **Tested on:** 13/10/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Solid Block	---	---	---	11.8x6.0x7.9	---	17	70.8	14	443	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

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

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ORIGINAL
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300
Dr. Aqsa Shabbir

To: Engr. Hassan Mahmood
Resident Engineer, G3 Engineering Consultants (Pvt.) Ltd.

Project: Construction of DHA New Life Residencia Apartments at 273/1 Q-Block Phase-II DHA, Lahore.
(Basement Slab (Grid: M-P/7-14) - Tower-B)

Our Ref. No. CL/CED/ 9681 Dated: 13/10/2025 Test Specification

Your Ref. No. G3/DHA-NLD/RE/Prof/52 Dated: 06/10/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/10/2025 Tested on: 13/10/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(4000 Psi)	6	9	2025	6Diax12	---	14.4	28.28	48	3802	---	Non Engraved
2	(4000 Psi)	6	9	2025	6Diax12	---	14.6	28.28	60	4752	---	Non Engraved
3	(4000 Psi)	6	9	2025	6Diax12	---	14.2	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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9	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

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

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

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ORIGINAL
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274
Dr. Aqsa Shabbir

To: Resident Engineer
SAMPAK International (Pvt.) Ltd. (Consultant)

Project: Renovation / Upgradation of Ali Mardan Hall (D-Hall)-UET Lahore.

Our Ref. No. CL/CED/ 9668 **Dated: 13/04/2025** **Test Specification**

Your Ref. No. III-466-BW-A/06 **Dated: 01/10/2025** **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 03/10/2025 **Tested on:** 13/10/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	DG	---	---	---	9 x 4.3 x 3	3775	3335	38.7	41	2373	13.19	---
2	DG	---	---	---	9 x 4.3 x 2.9	3640	3220	38.7	35	2026	13.04	---
3	DG	---	---	---	8.9 x 4.3 x 3	3775	3380	38.27	39	2283	11.69	---
4	DG	---	---	---	9 x 4.4 x 2.9	3730	3340	39.6	41	2319	11.68	---
5	DG	---	---	---	9 x 4.3 x 3	3700	3290	38.7	36	2084	12.46	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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/

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 compresssive strength

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ORIGINAL
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301
Dr. Aqsa Shabbir

To: Mr. Sardar M. Abu Bakar
Site Engineer, The Vertical (Pvt) Ltd.

Project: Sample Identification: Signed Samples (BTC)

Our Ref. No. CL/CED/ 9683 **Dated:** 13/10/2025 **Test Specification**

Your Ref. No. Vertical/V3/Site/ **Dated:** 08/10/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/10/2025 **Tested on:** 13/10/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	(4000 Psi)	7	9	2025	6Diax12	---	14.2	28.28	65	5149	---	Non Engraved
2	(4000 Psi)	7	9	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
3	(6000 Psi)	7	9	2025	6Diax12	---	14.2	28.28	119	9426	---	Non Engraved
4	(6000 Psi)	7	9	2025	6Diax12	---	14.4	28.28	106	8396	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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

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

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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ORIGINAL
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286
Dr. Aqsa Shabbir

To: Mr. Ghulam Abbas
XEN, GE (Army)-II LRC

Project: CA No. ENC-A-88/2025 - Construction of 8 x E Type Flats (G+3), Block No. 2 at PMAD Colony Lahore.

Our Ref. No. CL/CED/ 9684 **Dated:** 13/10/2025 **Test Specification**

Your Ref. No. 6003/71/E6 **Dated:** 16/09/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 06/10/2025 **Tested on:** 13/10/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Hollow Block	---	---	---	16x8x8	---	25	77.9	55	1582	---	---
2	Hollow Block	---	---	---	15.9x8x8	---	26	77.1	52	1511	---	---
3	Hollow Block	---	---	---	16x8x8	---	26	77.9	58	1668	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7		---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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ORIGINAL
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294
Dr. Aqsa Shabbir

To: Engr. Barkat Leghari
Structural and Design Engineer, Punjab Sahulat Bazaars Authority. Government of the Punjab

Project: Construction of Sahulat Bazaar Chunian.

Our Ref. No. CL/CED/ 9685 **Dated:** 13/10/2025 **Test Specification**

Your Ref. No. SE/PSBA/29/9/2025 **Dated:** 29/09/2025 (----)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 07/10/2025 **Tested on:** 13/10/2025 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Terrazzo Tile (Grey)	---	---	---	6x6x1	---	1260	36	74	4604	---	Cut Piece
2	Terrazzo Tile (Grey)	---	---	---	6x6x1	---	1265	36	70	4356	---	Cut Piece
3	Terrazzo Tile (Grey)	---	---	---	6x6x1	---	1250	36	67	4169	---	Cut Piece
4	Terrazzo Tile (Red)	---	---	---	6x6x1	---	1285	36	78	4853	---	Cut Piece
5	Terrazzo Tile (Red)	---	---	---	6x6x1	---	1300	36	78	4853	---	Cut Piece
6	Terrazzo Tile (Red)	---	---	---	6x6x1	---	1285	36	82	5102	---	Cut Piece
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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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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280
Dr. Aqsa Shabbir

To: Mr. Muhammad Sohail Akhtar
Resident Engineer, Highways and Transportation Engineering Division. NESPAK (Pvt) Ltd.

Project: Rehabilitation / Improvement of Street (PCC), Sewerage / Drainage Union Council No. UC-262 Sunder, Rangeelpur Village, Shamkay Bhattia in Alllam Iqbal Zone MCL

Our Ref. No. CL/CED/ 9686 Dated: 13/10/2025 Test Specification

Your Ref. No. 4084/LDP/103/MSA/04/36-02 Dated: 02/10/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 03/10/2025 Tested on: 13/10/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	777	---	---	---	8.9 x 4.2 x 2.9	3450	2995	37.38	38	2277	15.19	---
2	777	---	---	---	8.7 x 4.1 x 2.8	3500	3060	35.67	40	2512	14.38	---
3	777	---	---	---	8.6 x 4.2 x 2.9	3430	3035	36.12	43	2667	13.01	---
4	777	---	---	---	8.8 x 4.4 x 3	3610	3200	38.72	38	2198	12.81	---
5	777	---	---	---	8.8 x 4.3 x 2.9	3510	3075	37.84	41	2427	14.15	---
6	777	---	---	---	8.8 x 4.3 x 3	3540	3130	37.84	35	2072	13.1	---
7	37	---	---	---	8.8 x 4.3 x 3	3635	3305	37.84	54	3197	9.98	---
8	37	---	---	---	8.8 x 4.3 x 3	3730	3310	37.84	45	2664	12.69	---
9	37	---	---	---	8.9 x 4.2 x 3	3650	3260	37.38	44	2637	11.96	---
10	37	---	---	---	8.8 x 4.3 x 3	3600	3195	37.84	47	2782	12.68	---
11	37	---	---	---	9 x 4.3 x 3	3665	3255	38.7	46	2663	12.6	---
12	37	---	---	---	8.8 x 4.3 x 3	3750	3305	37.84	47	2782	13.46	---
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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2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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210
Dr. Aqsa Shabbir

To: Engr. M. Toseef Arshad
Project Director (PMU), University of Narowal.

Project: Construction of Boundary Wall of Land Acquired for the Project Establishment of Dr. Ashfaq Ahmad Khan National Centre in Basic Sciences at University of Narowal.

Our Ref. No. CL/CED/ 9687 Dated: 13/10/2025 Test Specification

Your Ref. No. UON/PMU/PD-25/007 Dated: 13/06/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 23/09/2025 Tested on: 13/10/2025 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	757	---	---	---	8.9 x 4.3 x 3	3525	2995	38.27	41	2400	17.7	---
2	757	---	---	---	8.8 x 4.3 x 3	3670	3175	37.84	50	2960	15.59	---
3	757	---	---	---	8.8 x 4.2 x 3.1	3785	3305	36.96	46	2788	14.52	---
4	MB	---	---	---	8.6 x 4.3 x 2.8	3595	3170	36.98	43	2605	13.41	---
5	MB	---	---	---	8.8 x 4.3 x 3	3625	3190	37.84	45	2664	13.64	---
6	MB	---	---	---	8.6 x 4.3 x 3	3725	3295	36.98	49	2968	13.05	---
7	K9	---	---	---	8.8 x 4.3 x 3	3750	3285	37.84	47	2782	14.16	---
8	K9	---	---	---	8.6 x 4.2 x 3.1	3720	3265	36.12	45	2791	13.94	---
9	K9	---	---	---	8.9 x 4.3 x 3	3695	3220	38.27	45	2634	14.75	---
10	Machine Made Double Line	---	---	---	9 x 4.2 x 2.9	3375	2870	37.8	22	1304	17.6	---
11	Machine Made Double Line	---	---	---	9 x 4.2 x 3	3510	2970	37.8	31	1837	18.18	---
12	Machine Made Double Line	---	---	---	9 x 4.2 x 3	3650	2985	37.8	22	1304	22.28	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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

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

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

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

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