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.

391
Dr. M. Mazhar

To: M R BUILDERS
Architects, Engineers Interior Designers. Shadman Market, Lahore.

Project: CYLINDER TEST FOR RAFT-ABL PARAGON CITY, LAHORE CANTT. (Br. CODE=1021)

Our Ref. No. CL/CED/ 9815 **Dated:** 29/10/2025

Your Ref. No. Nil **Dated:** 24/10/2025

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 24/10/2025 **Tested on:** 29/10/2025 **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	Raft Concrete (3000 Psi)	17	10	2025	6Diax12	---	13.4	28.28	44	3485	---	Non Engraved
2	Raft Concrete (3000 Psi)	17	10	2025	6Diax12	---	13.4	28.28	46	3644	---	Non Engraved
3	Raft Concrete (3000 Psi)	17	10	2025	6Diax12	---	13.6	28.28	42	3327	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-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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372
Dr. M. Mazhar

To: Hafiz Muhammad Umer Mehmood
Project Manager, The Vertical Pvt. Ltd.

Project: Sample Identification: Signed Samples (Tetra)

Our Ref. No. CL/CED/ 9816 **Dated: 29/10/2025** **Test Specification**

Your Ref. No. Vertical/V3/Site **Dated: 20/10/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/10/2025 Tested on: 29/10/2025 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	3500 Psi	22	9	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
2	3500 Psi	22	9	2025	6Diax12	---	14.2	28.28	56	4436	---	Non Engraved
3	3500 Psi	22	9	2025	6Diax12	---	13.6	28.28	58	4594	---	Non Engraved
4	3500 Psi	22	9	2025	6Diax12	---	14	28.28	58	4594	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-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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372
Dr. M. Mazhar

To: Hafiz Muhammad Umer Mehmood
Project Manager, The Vertical Pvt. Ltd.

Project: Sample Identification: Signed Samples (Tetra)

Our Ref. No. CL/CED/ 9817 **Dated: 29/10/2025** **Test Specification**

Your Ref. No. Vertical/V3/Site **Dated: 20/10/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 22/10/2025 **Tested on:** 29/10/2025 **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	3500 Psi	20	9	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
2	3500 Psi	20	9	2025	6Diax12	---	13.8	28.28	58	4594	---	Non Engraved
3	3500 Psi	20	9	2025	6Diax12	---	14	28.28	54	4277	---	Non Engraved
4	3500 Psi	20	9	2025	6Diax12	---	14	28.28	56	4436	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-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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365
Dr. Qasim Khan

To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL

Our Ref. No. CL/CED/ 9818-1 of 14 Dated: 29/10/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2025 Tested on: 29/10/2025 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	Rect., Grey, 60 mm; UC-130 Sr-01	---	---	---	7.8 x 3.8 x 2.4	---	2720	29.64	97	7331	---	---
2	Rect., Grey, 60 mm; UC-130 Sr-01	---	---	---	7.8 x 3.8 x 2.4	---	2710	29.64	97	7331	---	---
3	Rect., Grey, 60 mm; UC-130 Sr-01	---	---	---	7.8 x 3.8 x 2.4	---	2840	29.64	88	6650	---	---
4	Rect., Grey, 60 mm; UC-130 Sr-01	---	---	---	7.8 x 3.8 x 2.4	---	2660	29.64	98	7406	---	---
5	Rect., Red, 60 mm; UC-130 Sr-01	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	80	6046	---	---
6	Rect., Red, 60 mm; UC-130 Sr-01	---	---	---	7.8 x 3.8 x 2.4	---	2765	29.64	110	8313	---	---
7	Rect., Red, 60 mm; UC-130 Sr-01	---	---	---	7.8 x 3.8 x 2.4	---	2725	29.64	88	6650	---	---
8	Rect., Red, 60 mm; UC-130 Sr-01	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	91	6877	---	---
9	Rect., Grey, 60 mm; UC-130 Sr-02	---	---	---	7.8 x 3.8 x 2.4	---	2720	29.64	58	4383	---	---
10	Rect., Grey, 60 mm; UC-130 Sr-02	---	---	---	7.8 x 3.8 x 2.4	---	2755	29.64	64	4837	---	---
11	Rect., Grey, 60 mm; UC-130 Sr-02	---	---	---	7.8 x 3.8 x 2.4	---	2615	29.64	56	4232	---	---
12	Rect., Grey, 60 mm; UC-130 Sr-02	---	---	---	7.8 x 3.8 x 2.4	---	2600	29.64	79	5970	---	---
13	Rect., Red, 60 mm; UC-130 Sr-02	---	---	---	7.8 x 3.8 x 2.4	---	2765	29.64	93	7028	---	---
14	Rect., Red, 60 mm; UC-130 Sr-02	---	---	---	7.8 x 3.8 x 2.4	---	2835	29.64	98	7406	---	---
15	Rect., Red, 60 mm; UC-130 Sr-02	---	---	---	7.8 x 3.8 x 2.4	---	2765	29.64	109	8238	---	---
16	Rect., Red, 60 mm; UC-130 Sr-02	---	---	---	7.8 x 3.8 x 2.4	---	2735	29.64	87	6575	---	---

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

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Dr. Qasim Khan

To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL

Our Ref. No. CL/CED/ 9818-2 of 14 Dated: 29/10/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2025 Tested on: 29/10/2025 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	Rect., Grey, 60 mm; UC-130 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2750	29.64	104	7860	---	---
2	Rect., Grey, 60 mm; UC-130 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2715	29.64	67	5063	---	---
3	Rect., Grey, 60 mm; UC-130 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2740	29.64	91	6877	---	---
4	Rect., Grey, 60 mm; UC-130 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2765	29.64	84	6348	---	---
5	Rect., Red, 60 mm; UC-130 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2745	29.64	88	6650	---	---
6	Rect., Red, 60 mm; UC-130 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2800	29.64	99	7482	---	---
7	Rect., Red, 60 mm; UC-130 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2690	29.64	100	7557	---	---
8	Rect., Red, 60 mm; UC-130 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2805	29.64	113	8540	---	---
9	Rect., Grey, 60 mm; UC-130 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2630	29.64	95	7179	---	---
10	Rect., Grey, 60 mm; UC-130 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2725	29.64	102	7709	---	---
11	Rect., Grey, 60 mm; UC-130 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2680	29.64	92	6953	---	---
12	Rect., Grey, 60 mm; UC-130 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2705	29.64	98	7406	---	---
13	Rect., Red, 60 mm; UC-130 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2830	29.64	110	8313	---	---
14	Rect., Red, 60 mm; UC-130 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2810	29.64	95	7179	---	---
15	Rect., Red, 60 mm; UC-130 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2830	29.64	94	7104	---	---
16	Rect., Red, 60 mm; UC-130 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2700	29.64	101	7633	---	---

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)

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Dr. Qasim Khan

To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL

Our Ref. No. CL/CED/ 9818-3 of 14 Dated: 29/10/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2025 Tested on: 29/10/2025 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	Rect., Grey, 60 mm; UC-130 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2800	29.64	106	8011	---	---
2	Rect., Grey, 60 mm; UC-130 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2635	29.64	60	4534	---	---
3	Rect., Grey, 60 mm; UC-130 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2700	29.64	91	6877	---	---
4	Rect., Grey, 60 mm; UC-130 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2670	29.64	103	7784	---	---
5	Rect., Red, 60 mm; UC-130 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2715	29.64	85	6424	---	---
6	Rect., Red, 60 mm; UC-130 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	101	7633	---	---
7	Rect., Red, 60 mm; UC-130 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2780	29.64	88	6650	---	---
8	Rect., Red, 60 mm; UC-130 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2815	29.64	84	6348	---	---
9	Rect., Grey, 60 mm; UC-130 Sr-22	---	---	---	7.8 x 3.8 x 2.4	---	2495	29.64	64	4837	---	---
10	Rect., Grey, 60 mm; UC-130 Sr-22	---	---	---	7.8 x 3.8 x 2.4	---	2505	29.64	63	4761	---	---
11	Rect., Grey, 60 mm; UC-130 Sr-22	---	---	---	7.8 x 3.8 x 2.4	---	2750	29.64	51	3854	---	---
12	Rect., Grey, 60 mm; UC-130 Sr-22	---	---	---	7.8 x 3.8 x 2.4	---	2535	29.64	38	2872	---	---
13	Rect., Red, 60 mm; UC-130 Sr-22	---	---	---	7.8 x 3.8 x 2.4	---	2655	29.64	72	5441	---	---
14	Rect., Red, 60 mm; UC-130 Sr-22	---	---	---	7.8 x 3.8 x 2.4	---	2640	29.64	76	5744	---	---
15	Rect., Red, 60 mm; UC-130 Sr-22	---	---	---	7.8 x 3.8 x 2.4	---	2495	29.64	75	5668	---	---
16	Rect., Red, 60 mm; UC-130 Sr-22	---	---	---	7.8 x 3.8 x 2.4	---	2530	29.64	69	5215	---	---

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

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To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL

Our Ref. No. CL/CED/ 9818-4 of 14 Dated: 29/10/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2025 Tested on: 29/10/2025 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	Rect., Grey, 60 mm; UC-130 Sr-25	---	---	---	7.8 x 3.8 x 2.4	---	2565	29.64	77	5819	---	---
2	Rect., Grey, 60 mm; UC-130 Sr-25	---	---	---	7.8 x 3.8 x 2.4	---	2600	29.64	75	5668	---	---
3	Rect., Grey, 60 mm; UC-130 Sr-25	---	---	---	7.8 x 3.8 x 2.4	---	2605	29.64	73	5517	---	---
4	Rect., Grey, 60 mm; UC-130 Sr-25	---	---	---	7.8 x 3.8 x 2.4	---	2625	29.64	72	5441	---	---
5	Rect., Red, 60 mm; UC-130 Sr-25	---	---	---	7.8 x 3.8 x 2.4	---	2565	29.64	56	4232	---	---
6	Rect., Red, 60 mm; UC-130 Sr-25	---	---	---	7.8 x 3.8 x 2.4	---	2560	29.64	64	4837	---	---
7	Rect., Red, 60 mm; UC-130 Sr-25	---	---	---	7.8 x 3.8 x 2.4	---	2800	29.64	52	3930	---	---
8	Rect., Red, 60 mm; UC-130 Sr-25	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	64	4837	---	---
9	Rect., Grey, 60 mm; UC-163 Sr-06	---	---	---	7.8 x 3.8 x 2.4	---	2725	29.64	73	5517	---	---
10	Rect., Grey, 60 mm; UC-163 Sr-06	---	---	---	7.8 x 3.8 x 2.4	---	2720	29.64	72	5441	---	---
11	Rect., Grey, 60 mm; UC-163 Sr-06	---	---	---	7.8 x 3.8 x 2.4	---	2800	29.64	101	7633	---	---
12	Rect., Grey, 60 mm; UC-163 Sr-06	---	---	---	7.8 x 3.8 x 2.4	---	2810	29.64	83	6273	---	---
13	Rect., Red, 60 mm; UC-163 Sr-06	---	---	---	7.8 x 3.8 x 2.4	---	2655	29.64	85	6424	---	---
14	Rect., Red, 60 mm; UC-163 Sr-06	---	---	---	7.8 x 3.8 x 2.4	---	2810	29.64	112	8464	---	---
15	Rect., Red, 60 mm; UC-163 Sr-06	---	---	---	7.8 x 3.8 x 2.4	---	2800	29.64	70	5290	---	---
16	Rect., Red, 60 mm; UC-163 Sr-06	---	---	---	7.8 x 3.8 x 2.4	---	2745	29.64	80	6046	---	---

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.

365
Dr. Qasim Khan

To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL

Our Ref. No. CL/CED/ 9818-5 of 14 Dated: 29/10/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2025 Tested on: 29/10/2025 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	Rect., Grey, 60 mm; UC-163 Sr-07	---	---	---	7.8 x 3.8 x 2.4	---	2725	29.64	84	6348	---	---
2	Rect., Grey, 60 mm; UC-163 Sr-07	---	---	---	7.8 x 3.8 x 2.4	---	2725	29.64	79	5970	---	---
3	Rect., Grey, 60 mm; UC-163 Sr-07	---	---	---	7.8 x 3.8 x 2.4	---	2800	29.64	57	4308	---	---
4	Rect., Grey, 60 mm; UC-163 Sr-07	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	102	7709	---	---
5	Rect., Red, 60 mm; UC-163 Sr-07	---	---	---	7.8 x 3.8 x 2.4	---	2815	29.64	80	6046	---	---
6	Rect., Red, 60 mm; UC-163 Sr-07	---	---	---	7.8 x 3.8 x 2.4	---	2655	29.64	106	8011	---	---
7	Rect., Red, 60 mm; UC-163 Sr-07	---	---	---	7.8 x 3.8 x 2.4	---	2800	29.64	90	6802	---	---
8	Rect., Red, 60 mm; UC-163 Sr-07	---	---	---	7.8 x 3.8 x 2.4	---	2745	29.64	95	7179	---	---
9	Rect., Grey, 60 mm; UC-163 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2670	29.64	82	6197	---	---
10	Rect., Grey, 60 mm; UC-163 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2605	29.64	83	6273	---	---
11	Rect., Grey, 60 mm; UC-163 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2790	29.64	100	7557	---	---
12	Rect., Grey, 60 mm; UC-163 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2625	29.64	92	6953	---	---
13	Rect., Red, 60 mm; UC-163 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2700	29.64	102	7709	---	---
14	Rect., Red, 60 mm; UC-163 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2740	29.64	69	5215	---	---
15	Rect., Red, 60 mm; UC-163 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2735	29.64	96	7255	---	---
16	Rect., Red, 60 mm; UC-163 Sr-10	---	---	---	7.8 x 3.8 x 2.4	---	2745	29.64	86	6499	---	---

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.

365
Dr. Qasim Khan

To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL

Our Ref. No. CL/CED/ 9818-6 of 14 Dated: 29/10/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2025 Tested on: 29/10/2025 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	Rect., Grey, 60 mm; UC-163 Sr-13	---	---	---	7.8 x 3.8 x 2.4	---	2655	29.64	83	6273	---	---
2	Rect., Grey, 60 mm; UC-163 Sr-13	---	---	---	7.8 x 3.8 x 2.4	---	2770	29.64	108	8162	---	---
3	Rect., Grey, 60 mm; UC-163 Sr-13	---	---	---	7.8 x 3.8 x 2.4	---	2665	29.64	78	5895	---	---
4	Rect., Grey, 60 mm; UC-163 Sr-13	---	---	---	7.8 x 3.8 x 2.4	---	2705	29.64	91	6877	---	---
5	Rect., Red, 60 mm; UC-163 Sr-13	---	---	---	7.8 x 3.8 x 2.4	---	2780	29.64	108	8162	---	---
6	Rect., Red, 60 mm; UC-163 Sr-13	---	---	---	7.8 x 3.8 x 2.4	---	2760	29.64	91	6877	---	---
7	Rect., Red, 60 mm; UC-163 Sr-13	---	---	---	7.8 x 3.8 x 2.4	---	2750	29.64	100	7557	---	---
8	Rect., Red, 60 mm; UC-163 Sr-13	---	---	---	7.8 x 3.8 x 2.4	---	2710	29.64	62	4686	---	---
9	Rect., Grey, 60 mm; UC-163 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2770	29.64	81	6121	---	---
10	Rect., Grey, 60 mm; UC-163 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2740	29.64	82	6197	---	---
11	Rect., Grey, 60 mm; UC-163 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2695	29.64	77	5819	---	---
12	Rect., Grey, 60 mm; UC-163 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2805	29.64	99	7482	---	---
13	Rect., Red, 60 mm; UC-163 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2870	29.64	89	6726	---	---
14	Rect., Red, 60 mm; UC-163 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2850	29.64	99	7482	---	---
15	Rect., Red, 60 mm; UC-163 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2865	29.64	76	5744	---	---
16	Rect., Red, 60 mm; UC-163 Sr-14	---	---	---	7.8 x 3.8 x 2.4	---	2735	29.64	83	6273	---	---

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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365
Dr. Qasim Khan

To: Mr. Tanvir Naqvi
Resident Engineer, Highways and Transportation Engineering Division, NESPAK (Pvt) Ltd

Project: Scheme #7 Rehabilitation/ Improvement of Street (PCC) Sewerage, Drainage UC-130, 162, 163 Shalamar Zone MCL

Our Ref. No. CL/CED/ 9818-7 of 14 Dated: 29/10/2025 Test Specification

Your Ref. No. 4084/103/LDP/SMZ(S-7)/04/82 Dated: 11/10/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 21/10/2025 Tested on: 29/10/2025 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	Rect., Grey, 60 mm; UC-163 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2705	29.64	78	5895	---	---
2	Rect., Grey, 60 mm; UC-163 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2680	29.64	82	6197	---	---
3	Rect., Grey, 60 mm; UC-163 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2705	29.64	89	6726	---	---
4	Rect., Grey, 60 mm; UC-163 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2745	29.64	104	7860	---	---
5	Rect., Red, 60 mm; UC-163 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2795	29.64	103	7784	---	---
6	Rect., Red, 60 mm; UC-163 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2785	29.64	85	6424	---	---
7	Rect., Red, 60 mm; UC-163 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2815	29.64	74	5592	---	---
8	Rect., Red, 60 mm; UC-163 Sr-15	---	---	---	7.8 x 3.8 x 2.4	---	2785	29.64	104	7860	---	---
9	Rect., Grey, 60 mm; UC-163 Sr-16	---	---	---	7.8 x 3.8 x 2.4	---	2680	29.64	81	6121	---	---
10	Rect., Grey, 60 mm; UC-163 Sr-16	---	---	---	7.8 x 3.8 x 2.4	---	2745	29.64	79	5970	---	---
11	Rect., Grey, 60 mm; UC-163 Sr-16	---	---	---	7.8 x 3.8 x 2.4	---	2775	29.64	85	6424	---	---
12	Rect., Grey, 60 mm; UC-163 Sr-16	---	---	---	7.8 x 3.8 x 2.4	---	2765	29.64	98	7406	---	---
13	Rect., Red, 60 mm; UC-163 Sr-16	---	---	---	7.8 x 3.8 x 2.4	---	2770	29.64	88	6650	---	---
14	Rect., Red, 60 mm; UC-163 Sr-16	---	---	---	7.8 x 3.8 x 2.4	---	2760	29.64	103	7784	---	---
15	Rect., Red, 60 mm; UC-163 Sr-16	---	---	---	7.8 x 3.8 x 2.4	---	2680	29.64	99	7482	---	---
16	Rect., Red, 60 mm; UC-163 Sr-16	---	---	---	7.8 x 3.8 x 2.4	---	2765	29.64	97	7331	---	---

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.

409
Dr. M. Mazhar

To: Mr. Omair Sadiq
Project Manager, Tokyo Hospital Gujranwala.

Project: Construction of Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Hardo Chicharwali, Gujranwala. (Columns (04 nos.) B-D/3, D/4, Ground Floor - First Floor)

Our Ref. No. CL/CED/ 9819 **Dated:** 29/10/2025

Your Ref. No. THG/OS/2025/52 **Dated:** 28/10/2025

Test Specification
(ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/10/2025 **Tested on:** 29/10/2025 **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	Code-016	18	9	2025	6Diax12	---	13	28.28	70	5545	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ali Raza, CNIC # 32301-8239308-9

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.

409
Dr. M. Mazhar

To: Mr. Omair Sadiq
Project Manager, Tokyo Hospital Gujranwala.

Project: Construction of Tokyo Hospital located at Main Sialkot Road near Tokyo Tower Mouza Hardo Chicharwali, Gujranwala. (Columns (15 nos.) and Shear Wall A-D/8-10 and D/7, Ground Floor - First Floor)

Our Ref. No. CL/CED/ 9820 Dated: 29/10/2025 **Test Specification**

Your Ref. No. THG/OS/2025/51 Dated: 28/10/2025 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 29/10/2025 **Tested on:** 29/10/2025 **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	Code-015	16	9	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Mr. Ali Raza, CNIC # 32301-8239308-9

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

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

302
Dr. M. Mazhar

To: Mr. M. K. Jamil
Principal Architect & CEO, For Design Simulation.1123-F, State Life Housing Society, Lahore.

Project: Construction of Allied Bank Building Grain Market Branch Vehari.

Our Ref. No. CL/CED/ 9821-1 of 2 **Dated:** 29/10/2025

Your Ref. No. Nil **Dated:** 07/10/2025

Test Specification (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/10/2025 **Tested on:** 29/10/2025 **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	Ground Floor Slab	17	3	2025	6Diax12	---	12.4	28.28	34	2693	---	Non Engraved
2	Ground Floor Slab	17	3	2025	6Diax12	---	12.6	28.28	42	3327	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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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.

302
Dr. M. Mazhar

To: Mr. M. K. Jamil
Principal Architect & CEO, For Design Simulation.1123-F, State Life Housing Society, Lahore.

Project: Construction of Allied Bank Building Grain Market Branch Vehari.

Our Ref. No. CL/CED/ 9821-2 of 2 **Dated:** 29/10/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 07/10/2025 **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/10/2025 **Tested on:** 29/10/2025 **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	70	---	---	---	8.8x4.3x3.0	---	3275	37.84	39	2309	---	---
2	70	---	---	---	8.9x4.3x3.1	---	3395	38.27	38	2224	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
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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)
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302
Dr. M. Mazhar

To: Mr. M. K. Jamil
Principal Architect & CEO, For Design Simulation.1123-F, State Life Housing Society, Lahore.

Project: Construction of Allied Bank Building Dhoke Farman Branch Rawalpindi.

Our Ref. No. CL/CED/ 9822-1 of 2 **Dated:** 29/10/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 07/10/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/10/2025 **Tested on:** 29/10/2025 **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	Ground Floor Slab	18	12	2024	6Diax12	---	12.8	28.28	50	3960	---	Non Engraved
2	Ground Floor Slab	18	12	2024	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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To: Mr. M. K. Jamil
Principal Architect & CEO, For Design Simulation.1123-F, State Life Housing Society, Lahore.

Project: Construction of Allied Bank Building Dhoke Farman Branch Rawalpindi.

Our Ref. No. CL/CED/ 9822-2 of 2 **Dated:** 29/10/2025 **Test Specification**

Your Ref. No. Nil **Dated:** 07/10/2025 **(----)**

COMPRESSION TEST REPORT

ONLINE REPORT

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

Specimens received on: 08/10/2025 **Tested on:** 29/10/2025 **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	7SS	---	---	---	8.9x4.3x3.1	---	3370	38.27	37	2166	---	---
2	7SS	---	---	---	9.0x4.3x3.1	---	3410	38.7	38	2199	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

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

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320
Dr. M. Mazhar

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

Project: Rehabilitation / Improvement of Sewerage / Drainage in Union Council No.117 Shah Pur, Khan Pur, Boola Gari and Adjecent Abadies in Allama Iqbal Zone, MCL.

Our Ref. No. CL/CED/ 9823 Dated: 29/10/2025 Test Specification

Your Ref. No. 4084/LDP/103/MSA/04/273 Dated: 04/10/2025 (BS 3921**)

COMPRESSION TEST REPORT

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

Specimens received on: 13/10/2025 Tested on: 29/10/2025 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	AK	---	---	---	8.9 x 4.3 x 2.9	3840	3450	38.27	38	2224	11.3	---
2	AK	---	---	---	8.9 x 4.2 x 3	3905	3405	37.38	29	1738	14.68	---
3	AK	---	---	---	9 x 4.2 x 2.9	3810	3420	37.8	38	2252	11.4	---
4	AK	---	---	---	8.9 x 4.3 x 3	3785	3355	38.27	38	2224	12.82	---
5	AK	---	---	---	9 x 4.3 x 2.9	3855	3385	38.7	37	2142	13.88	---
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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