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.

9124
Dr. M. Yousaf

To: Mr. Aaliyan Abbas
Project Manager, Capstone Builders & Engineers (Pvt) Ltd

Project: Nil

Our Ref. No. CL/CED/ 7768 **Dated:** 21/3/2025 **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: 14/3/2025 **Tested on:** 21/3/2025 **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	3-cell culvert Bed	31	1	2025	6Diax12	---	13	28.28	81	6416	---	Non Engraved
2	3-cell culvert Bed	31	1	2025	6Diax12	---	13	28.28	80	6337	---	Non Engraved
3	3-cell culvert Bed	31	1	2025	6Diax12	---	13	28.28	68	5386	---	Non Engraved
4	3-cell culvert walls	8	2	2025	6Diax12	---	13.6	28.28	57	4515	---	Non Engraved
5	3-cell culvert walls	8	2	2025	6Diax12	---	13.2	28.28	49	3881	---	Non Engraved
6	3-cell culvert walls	8	2	2025	6Diax12	---	13	28.28	60	4752	---	Non Engraved
7	3-cell culvert top slab	13	2	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
8	3-cell culvert top slab	13	2	2025	6Diax12	---	13	28.28	83	6574	---	Non Engraved
9	3-cell culvert top slab	13	2	2025	6Diax12	---	13	28.28	70	5545	---	Non Engraved
10	4-cell culvert Bed	6	2	2025	6Diax12	---	13	28.28	68	5386	---	Non Engraved
11	4-cell culvert Bed	6	2	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
12	4-cell culvert Bed	6	2	2025	6Diax12	---	13	28.28	57	4515	---	Non Engraved
13	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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ORIGINAL
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9035
Dr. M. Yousaf

To: ALMUHANDES Engineering Solution
Navel Colony Hub River Road HBCHS Karachi.

Project: New Noodle Office 1200 Roof Slab, Rafhan Food Unilever Phool Nagar Pakistan

Our Ref. No. CL/CED/ 7769 **Dated:** 21/3/2025 **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: 5/3/2025 **Tested on:** 21/3/2025 **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	---	5	2	2025	6Diax12	---	14	28.28	31	2455	---	Non Engraved
2	---	5	2	2025	6Diax12	---	14	28.28	25	1980	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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**

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ORIGINAL
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9063
Dr. M. Yousaf

To: Engr. Hassan Mahmood
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, Phase 8, DHA Lahore

Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q Block Phase-II DHA, Lahore

Our Ref. No. CL/CED/ 7770 Dated: 21/3/2025 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/Prof/20 Dated: 24/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 7/3/2025 Tested on: 21/3/2025 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	2	12	2024	6Diax12	---	13	28.28	60	4752	---	Non Engraved
2	4000 Psi	2	12	2024	6Diax12	---	13	28.28	60	4752	---	Non Engraved
3	4000 Psi	2	12	2024	6Diax12	---	13	28.28	58	4594	---	Non Engraved
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**

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9063
Dr. M. Yousaf

To: Engr. Hassan Mahmood
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, Phase 8, DHA Lahore

Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q Block Phase-II DHA, Lahore

Our Ref. No. CL/CED/ 7771 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/Prof/23 **Dated:** 28/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 7/3/2025 **Tested on:** 21/3/2025 **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	31	1	2025	6Diax12	---	13	28.28	46	3644	---	Non Engraved
2	4000 Psi	31	1	2025	6Diax12	---	13	28.28	46	3644	---	Non Engraved
3	4000 Psi	31	1	2025	6Diax12	---	13.6	28.28	55	4356	---	Non Engraved
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 compresssive 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. M. Yousaf

To: Engr. Hassan Mahmood
Resident Engineer, G3 Engineering Consultants (Pvt) Ltd, Phase 8, DHA Lahore

Project: Construction of DHA NEW LIFE RESIDENCIA APARTMENTS AT 273/1 Q Block Phase-II DHA, Lahore

Our Ref. No. CL/CED/ 7772 Dated: 21/3/2025 **Test Specification**

Your Ref. No. G3/DHA-NLD/RE/Prof/24 Dated: 07/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 7/3/2025 **Tested on:** 21/3/2025 **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	5000 Psi	7	2	2025	6Diax12	---	12.6	28.28	52	4119	---	Non Engraved
2	5000 Psi	7	2	2025	6Diax12	---	13	28.28	57	4515	---	Non Engraved
3	5000 Psi	7	2	2025	6Diax12	---	12.6	28.28	64	5069	---	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/

1. * as engraved on the specimens (if any)
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ORIGINAL
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9106
Dr. M. Yousaf

To: Stylers Plus (Pvt) Ltd.
A Denim Jeans Company, Lahore

Project: Construction of Frame Structure Building. 34-Km Ferozepur Road, Lahore

Our Ref. No. CL/CED/ 7773 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. STP/ **Dated:** Nil (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/3/2025 **Tested on:** 21/3/2025 **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	RCC Foundation (3000 Psi)	13	3	2025	6Diax12	---	13.4	28.28	18	1426	---	Non Engraved
2	RCC Foundation (3000 Psi)	13	3	2025	6Diax12	---	12.6	28.28	23	1822	---	Non Engraved
3	RCC Foundation (3000 Psi)	13	3	2025	6Diax12	---	14	28.28	21	1663	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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ORIGINAL
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9159
Dr. M. Yousaf

To: Engr. M. Rashid
Site Engineer, Husnain Builders

Project: Construction of LGS Bahria Town Campus Lahore

Our Ref. No. CL/CED/ 7774 **Dated:** 21/3/2025 **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: 21/3/2025 **Tested on:** 21/3/2025 **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	---	6	3	2025	6Diax12	---	13	28.28	48	3802	---	Non Engraved
2	---	6	3	2025	6Diax12	---	13	28.28	38	3010	---	Non Engraved
3	---	12	3	2025	6Diax12	---	13.2	28.28	32	2535	---	Engraved
4	---	12	3	2025	6Diax12	---	13.2	28.28	34	2693	---	Engraved
5	---	12	3	2025	6Diax12	---	13	28.28	38	3010	---	Engraved
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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9109
Dr. M. Yousaf

To: Admin Manager
AHBAB HOUSING SOCIETY (Pvt) Ltd

Project: Plot No. 24 Block Q Shah Alam Road Johar Town Lahore

Our Ref. No. CL/CED/ 7775 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. AHS/29/03/2025/by hand **Dated:** 13/3/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/3/2025 **Tested on:** 21/3/2025 **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	3000 Psi	2	3	2025	6Diax12	---	13.2	28.28	30	2376	---	Non Engraved
2	3000 Psi	2	3	2025	6Diax12	---	13.4	28.28	34	2693	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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/

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.

9109
Dr. M. Yousaf

To: Admin Manager
AHBAB HOUSING SOCIETY (Pvt) Ltd

Project: Plot No. 24 Block Q Shah Alam Road Johar Town Lahore

Our Ref. No. CL/CED/ 7776 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. AHS29/03/2025/by hand **Dated:** 13/3/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/3/2025 **Tested on:** 21/3/2025 **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	4500 Psi	3	3	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
2	4500 Psi	3	3	2025	6Diax12	---	13.6	28.28	53	4198	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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

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.

9093
Dr. M. Yousaf

To: Mr. Muhammad Saleem
Material Engineer, NESPAK, ADP, WASA, Lahore

Project: Annual Development Program- WASA (ADP 2024-25) Rainwater Management- Drainage Arrangement for SORE POINT, at Tikka Chowk Park, Lahore

Our Ref. No. CL/CED/ 7777 Dated: 21/3/2025 Test Specification

Your Ref. No. NESPAK/WASA/ADP/UGWTC/ME/07A Dated: 11/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 21/3/2025 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	PCC (1500 Psi)	13	2	2025	6Diax12	---	12	28.28	8	634	---	Engraved
2	PCC (1500 Psi)	13	2	2025	6Diax12	---	12	28.28	8	634	---	Engraved
3	PCC (1500 Psi)	13	2	2025	6Diax12	---	12.2	28.28	5	396	---	Engraved
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
A carbon copy for the report has been retained in the lab for record.

9115
Dr. M. Yousaf

To: Mr. Saeed Afzal
Assistant Executive Engineer, Pakistan Railways Narowal

Project: Construction of Road near Narowal Railway Station

Our Ref. No. CL/CED/ 7778 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. A/11 **Dated:** 28/2/2025 **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 13/3/2025 **Tested on:** 21/3/2025 **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	PCC (1:4:8)	12	2	2025	6Diax12	---	13.4	28.28	40	3168	---	Non Engraved
2	PCC (1:4:8)	12	2	2025	6Diax12	---	13.4	28.28	34	2693	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9115
Dr. M. Yousaf

To: Mr. Saeed Afzal
Assistant Executive Engineer, Pakistan Railways Narowal

Project: Construction of Road near Narowal Railway Station

Our Ref. No. CL/CED/ 7779 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. A/10 **Dated:** 28/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 13/3/2025 **Tested on:** 21/3/2025 **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	PCC (1:2:4)	25	1	2025	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
2	PCC (1:2:4)	25	1	2025	6Diax12	---	13.2	28.28	45	3564	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

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

9062
Dr. Umbreen

To: Lt. Col. (R) Muhammad Ibrahim
Senior Estate Engineer, Sundar Industrial Estate, Raiwind Road, Lahore

Project: Construction of Pump Room Tube well #7 at SIE.

Our Ref. No. CL/CED/ 7780 **Dated: 21/3/2025** **Test Specification**

Your Ref. No. BOM/SIE/BCD/3-25/608 **Dated: 05/03/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 7/3/2025 **Tested on:** 20/3/2025 **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	Roof Slab (1:1.5:3)	1	2	2025	6Diax12	---	13	28.28	42	3327	---	Engraved
2	Roof Slab (1:1.5:3)	1	2	2025	6Diax12	---	13	28.28	44	3485	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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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 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
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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.

9120
Dr. Umbreen

To: Resident Engineer
NESPAK (Pvt) Ltd

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF Base Mushaf

Our Ref. No. CL/CED/ 7781 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. 4800/321/SS/01/14 **Dated:** 13/3/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/3/2025 **Tested on:** 20/3/2025 **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	Footing, Winch Foundation	7	3	2025	6Diax12	---	14	28.28	48	3802	---	Non Engraved
2	Footing, Winch Foundation	7	3	2025	6Diax12	---	13.4	28.28	73	5782	---	Non Engraved
3	Footing, Winch Foundation	7	3	2025	6Diax12	---	14	28.28	92	7287	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9120
Dr. Umbreen

To: Resident Engineer
NESPAK (Pvt) Ltd

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF Base Mushaf

Our Ref. No. CL/CED/ 7782 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. 4800/321/SS/01/13 **Dated:** 10/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/3/2025 **Tested on:** 20/3/2025 **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	Retaining Wall of Plateform	7	2	2025	6Diax12	---	13.2	28.28	64	5069	---	Non Engraved
2	Retaining Wall of Plateform	7	2	2025	6Diax12	---	13.4	28.28	52	4119	---	Non Engraved
3	Retaining Wall of Plateform	7	2	2025	6Diax12	---	14.4	28.28	60	4752	---	Non Engraved
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**

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

9120
Dr. Umbreen

To: Resident Engineer
NESPAK (Pvt) Ltd

Project: Construction of Platform along with Allied Services for TPS-77, MRR Radar at Kirana Top at PAF Base Mushaf. (Footing of Retaining Wall of Plateform)

Our Ref. No. CL/CED/ 7783 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. 4800/321/SS/01/12 **Dated:** 08/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 14/3/2025 **Tested on:** 20/3/2025 **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	---	2	2	2025	6Diax12	---	15	28.28	74	5861	---	Non Engraved
2	---	2	2	2025	6Diax12	---	13.6	28.28	54	4277	---	Non Engraved
3	---	2	2	2025	6Diax12	---	13.4	28.28	50	3960	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9098
Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7784 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/028 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 16 "C" (4000 Psi)	21	1	2025	6Diax12	---	14	28.28	76	6020	---	Non Engraved
2	Pile No. 16 "C" (4000 Psi)	21	1	2025	6Diax12	---	13.6	28.28	64	5069	---	Non Engraved
3	Pile No. 16 "C" (4000 Psi)	21	1	2025	6Diax12	---	14	28.28	80	6337	---	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/

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.

9098
Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7785 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/029 Dated: 19/02/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 7 "C" (4000 Psi)	22	1	2025	6Diax12	---	13.4	28.28	85	6733	---	Non Engraved
2	Pile No. 7 "C" (4000 Psi)	22	1	2025	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
3	Pile No. 7 "C" (4000 Psi)	22	1	2025	6Diax12	---	14	28.28	68	5386	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9098
Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7786 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/027 Dated: 18/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 9 "C" (4000 Psi)	21	1	2025	6Diax12	---	14	28.28	64	5069	---	Non Engraved
2	Pile No. 9 "C" (4000 Psi)	21	1	2025	6Diax12	---	13	28.28	62	4911	---	Non Engraved
3	Pile No. 9 "C" (4000 Psi)	21	1	2025	6Diax12	---	13.2	28.28	48	3802	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9098
Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7787 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/030 Dated: 21/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 3 "C" (4000 Psi)	24	1	2025	6Diax12	---	14	28.28	85	6733	---	Non Engraved
2	Pile No. 3 "C" (4000 Psi)	24	1	2025	6Diax12	---	13.8	28.28	60	4752	---	Non Engraved
3	Pile No. 3 "C" (4000 Psi)	24	1	2025	6Diax12	---	14	28.28	65	5149	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9098
Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7788 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/031 Dated: 28/2/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 12 "C" (4000 Psi)	31	1	2025	6Diax12	---	13.8	28.28	63	4990	---	Non Engraved
2	Pile No. 12 "C" (4000 Psi)	31	1	2025	6Diax12	---	13.6	28.28	76	6020	---	Non Engraved
3	Pile No. 12 "C" (4000 Psi)	31	1	2025	6Diax12	---	13	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/

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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9098
Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7789 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/032 Dated: 01/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 4 "C" (4000 Psi)	1	2	2025	6Diax12	---	13.8	28.28	79	6257	---	Non Engraved
2	Pile No. 4 "C" (4000 Psi)	1	2	2025	6Diax12	---	14	28.28	52	4119	---	Non Engraved
3	Pile No. 4 "C" (4000 Psi)	1	2	2025	6Diax12	---	13	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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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9098
Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7790 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/033 Dated: 02/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 13 "C" (4000 Psi)	2	2	2025	6Diax12	---	13.6	28.28	85	6733	---	Non Engraved
2	Pile No. 13 "C" (4000 Psi)	2	2	2025	6Diax12	---	14	28.28	50	3960	---	Non Engraved
3	Pile No. 13 "C" (4000 Psi)	2	2	2025	6Diax12	---	13.8	28.28	63	4990	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9098
Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7791 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/034 Dated: 04/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 15 "C" (4000 Psi)	4	2	2025	6Diax12	---	13.4	28.28	56	4436	---	Non Engraved
2	Pile No. 15 "C" (4000 Psi)	4	2	2025	6Diax12	---	13.8	28.28	54	4277	---	Non Engraved
3	Pile No. 15 "C" (4000 Psi)	4	2	2025	6Diax12	---	13.8	28.28	64	5069	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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.

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Dr. Umbreen

To: Mr. Aftab Ahmad
Chief Engineer, Construction Management Division, NESPAK (Pvt) Ltd

Project: Enhancement & Construction of the Shrine Syed Ali Al-Hajveri (R.A.) (DATA GANJ BAKHSH) Lahore

Our Ref. No. CL/CED/ 7792 Dated: 21/3/2025 Test Specification

Your Ref. No. 4580/13/AA/01/035 Dated: 05/03/2025 (ASTM C39)

COMPRESSION TEST REPORT

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

Specimens received on: 12/3/2025 Tested on: 20/3/2025 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	Pile No. 6 "C" (4000 Psi)	5	2	2025	6Diax12	---	13.4	28.28	79	6257	---	Non Engraved
2	Pile No. 6 "C" (4000 Psi)	5	2	2025	6Diax12	---	13.8	28.28	62	4911	---	Non Engraved
3	Pile No. 6 "C" (4000 Psi)	5	2	2025	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
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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
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

9061
Dr. Safeer Abbas

To: Lt. Col. (R) Muhammad Ibrahim
Senior Estate Engineer, Sundar Industrial Estate, Raiwind Road, Lahore

Project: Construction of Pump Room Tube well #7 (Phase-II) at SIE.

Our Ref. No. CL/CED/ 7793 **Dated: 21/3/2025** **Test Specification**

Your Ref. No. BOM/SIE/BCD/3-25/609 **Dated: 05/03/2025** **(ASTM C39)**

COMPRESSION TEST REPORT

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

Specimens received on: 7/3/2025 **Tested on:** 20/3/2025 **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	Room Slab (1:1.5:3)	1	2	2025	6Diax12	---	13	28.28	34	2693	---	Engraved
2	Room Slab (1:1.5:3)	1	2	2025	6Diax12	---	13	28.28	50	3960	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
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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
A carbon copy for the report has been retained in the lab for record.

9025
Dr. Umbreen

To: Engr. Sheikh Maqbool Hassan
Resident Engineer, Highways & Transportation Engg. Division, NESPAK, MCL Nishtar Zone, Lhr

Project: Rehabilitation/ Improvement of Streets (PCC), Sewerage/ Drainage UC-195 & 196 Nishter Zone MCL

Our Ref. No. CL/CED/ 7794 Dated: 21/3/2025 Test Specification

Your Ref. No. 4084/103/LDP/NZ/04/77 Dated: 27/2/2025 (----)

COMPRESSION TEST REPORT

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

Specimens received on: 04/03/2025 Tested on: 20/3/2025 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	7UP	---	---	---	8.9 x 4.4 x 3	3700	3285	39.16	36	2059	12.63	---
2	7UP	---	---	---	8.8 x 4.3 x 3	3680	3280	37.84	35	2072	12.2	---
3	7UP	---	---	---	8.8 x 4.3 x 3	3650	3345	37.84	36	2131	9.12	---
4	HB	---	---	---	8.8 x 4.3 x 3	3860	3585	37.84	34	2013	7.67	---
5	HB	---	---	---	8.8 x 4.3 x 3	4090	3670	37.84	35	2072	11.44	---
6	HB	---	---	---	8.8 x 4.4 x 3	3750	3500	38.72	35	2025	7.14	---
7	SBI	---	---	---	8.8 x 4.2 x 2.8	3490	3165	36.96	36	2182	10.27	---
8	SBI	---	---	---	8.9 x 4.1 x 2.9	3565	3255	36.49	35	2149	9.52	---
9	SBI	---	---	---	8.8 x 4.1 x 3	3510	3170	36.08	34	2111	10.73	---
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Witnessed by:

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

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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.

9003
Dr. Umbreen

To: Mr. Rizwan Haider
Muhammad Construction Company, Building Contractors & Engineers

Project: Paramount Mill Development (Raiwind) Sapphire Fibers Ltd.

Our Ref. No. CL/CED/ 7795 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. Nil **Dated:** Nil (----)

COMPRESSION TEST REPORT

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

Specimens received on: 28/2/2025 **Tested on:** 20/3/2025 **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	A7	---	---	---	8.8 x 4.2 x 3	3545	3180	36.96	26	1576	11.48	---
2	A7	---	---	---	8.8 x 4.2 x 3	3730	3350	36.96	33	2000	11.34	---
3	A7	---	---	---	8.9 x 4.3 x 3	3635	3210	38.27	27	1580	13.24	---
4	MA	---	---	---	8.9 x 4.3 x 3	3885	3260	38.27	18	1054	19.17	---
5	MA	---	---	---	8.9 x 4.3 x 2.9	3780	3400	38.27	26	1522	11.18	---
6	MA	---	---	---	8.9 x 4.2 x 3	3810	3320	37.38	32	1918	14.76	---
7	CSB	---	---	---	8.5 x 4.1 x 2.9	3340	3020	34.85	30	1928	10.6	---
8	CSB	---	---	---	8.6 x 4.2 x 2.8	3400	3130	36.12	33	2047	8.63	---
9	CSB	---	---	---	8.6 x 4.2 x 2.9	3425	3080	36.12	34	2109	11.2	---
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ORIGINAL
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8994
Dr. Umbreen

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

Project: Rehabilitation/ Improvement of Street Pavement, Sewerage/ Drainage UC 29, 30 ZONE MCL

Our Ref. No. CL/CED/ 7796 **Dated:** 21/3/2025 **Test Specification**

Your Ref. No. 4084/103/LDP/Ravi/04/219 **Dated:** 25/2/2025 **(BS 3921**)**

COMPRESSION TEST REPORT

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

Specimens received on: 27/02/2025 **Tested on:** 20/3/2025 **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	S	---	---	---	8.5 x 4.1 x 2.8	3005	2715	34.85	25	1607	10.68	---
2	S	---	---	---	8.8 x 4.2 x 2.8	2975	2760	36.96	26	1576	7.79	---
3	S	---	---	---	8.5 x 4.1 x 2.9	3095	2780	34.85	24	1543	11.33	---
4	S	---	---	---	8.5 x 4 x 2.8	3095	2750	34	32	2108	12.55	---
5	S	---	---	---	8.6 x 4.1 x 2.8	3220	2835	35.26	31	1969	13.58	---
6	S	---	---	---	8.7 x 4.1 x 2.9	3100	2745	35.67	29	1821	12.93	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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